HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - PART A

Date	e of Inspection	7-2 <i>6-94</i> Time	start	Time finish	
Nan	ne of inspector	CHARLES FEES			
Con	npany, installation	name BOYERTOW	H LAHD	<u>FILL</u>	
Loca	ation <i>300</i>	HERKEL RD. CH	lb epts ville	PA. 19525	
		OHERY			<u>/P</u>
		PAD 0486 030			-
		official WARRELL			
Mai	ling Address				
	-	one number			
		viewed			
	· · · · · · · · · · · · · · · · · · ·	L			
		fferent from above)			
	a code and teleph	/ dir	458	-5300	
			•		-
1.	Site characteriza	- Surface impoundments	幫chemical	🔁 physical	⊠ biological
	a. Ø rreatment b. □ Storage -		☐tanks	⊠ surface impoundments	waste piles
		☐ land treatment	□landfill	incineration	thermal treatment
	d. □Use .	☐ reuse	□ recycle	□ reclaim	
2.	Does the facility	generate hazardous waste?	Yes D	No 10N	
3.	Types of hazard	ous waste produced by Haza	rdous Waste Nu	imber:	
A '	Are bazardous v	wastes transported off-site by	the facility?	☐ Yes 🛂 No	

COHOUCTED A COHPLIANCE-MONITORING-EVALUATION
INSPECTION, CME

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF WASTE MANAGEMENT

HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - PART B

Site Name	BOYERTOWN	ID Number _	PAD 048603005 Date 7-26	-94
	LAMDFILL		Increasion Bonous	

Hazardous Waste Inspection Report TSD Facilities - Part 8

	STA	TUS	;		CHAPTER	LINE
1	2	3	4	REQUIREMENT	CITATION	NUMBER!
-	X			Part A permit application submitted	265.1(b) 265.431(a)	H200
X			<u> </u>	Identification number	265.11	H201
	X			Wastes accepted at facility transported by haulers licensed by DER to transport hazardous waste	265.11(a)	H202
)			Waste streams not covered by permit approved by DER before acceptance	265.13(a)	H203
_	17			Chemical and physical analysis repeated as required	265.13(a)(1-3)	H204
_	II	T	Г	All waste shipments inspected and analyzed when necessary	265.13(b)	H205
	П		Г	Waste analysis plan on-site	265.13(c)	H206
	\sqcap			24 hr. surveillance at active portion	265.14(b)(1)	H207
	Π	\vdash	T	Artificial barrier around active portion	265.14(b)(2)	H208
	H		1	Proper signs posted at each entrance, minimum 4 inch lettering	265.14(c)	Б209
	Ħ	1	 	Facility inspection schedule on-site	265.15(b)(1)	H210
	\prod			Maintenance schedule onsite for equipment or structures which reveal deterioration or malfunctio:	265.15(d)	H211
	\prod			Immediate remedial action taken where a hazard is imminent or has already occurred	265.15(d)	H212
				Approved on the job or classroom personnel training program implemented	265.16	H213
-	\parallel		T	Records retained for each employee at facility of training, job title, and job description	265.16(f);(g)	H214
		† 	 	Ignitable or reactive wastes separated from source of ignition or reaction	265.17(a)	H215
	$\ $			No smoking signs displayed where there are hazards from ignitable or reactive wastes	265.17(a)	H216
	$\ $	† 		Treatment, storage, disposal of ignitable or reactive wastes or mixing of incompatible wastes or materials conducted according to requirements	265.17(b)	H217
	V	<u>, </u>		Facility maintained/operated to minimize possibility of fire, explosion, or discharge of hazardous waste or hazardous constituents	265.31	H218

Hazardous Waste Inspection Report TSD Facilities - Part B

. ,	. •		1-N	o Violation Observed 2-Not-Applicable 3-Not-Determined	I-Non-Compliance	
		TUS		REQUIREMENT	CHAPTER	LINE NUMBERS
1	2	3	4			
	Х			Written operating record contains closure and post-closure cost estimates	265.73(b)(7)	H242
_		†	┢	All records retained on premises and available for inspection	265.74(a)	H243
_	一	┢	┢	Quarterly reports submitted to DER	265.75(a)	H244
_				Emissions, discharges, fires, explosions, and groundwater contamination reported as required	265.77(a)	H245
メ		┢	┢	Groundwater monitoring wells located at approved sites	265.90(b)	H246
_			X	Approved groundwater sampling and analysis plan developed and implemented	265.92(a)	H247
		╁	X	Adequate protection for groundwater monitoring wells	265.91(d)	H248
		X		Groundwater quality assessment and abatement outline on the premises	265.93(a)	H249
	┢┈	文	\vdash	Closure plan on the premises and up-to-date	265.112(a)	H250
	\vdash	 	\vdash	Post-closure plan on the premises and up-to-date	265.118(a)	H251
_		X	 	Annual closure cost estimate on the premises and up-to-date	265.142(a)	H252
	\vdash	《	├	Annual post-closure cost estimate on the premises and up-to-date	265.144(a)	H253

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Commonwealth of Pennsylvania Department of Environmental Resources Bureau of Waste Management INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94 Identification Number PAD 048603005
Company/Facility/Site Name Boyertown Landfill

Conducted a hazardous waste <u>compliance-monitoring-evaluation (CME)</u> inspection of this closed landfill. Onsite with Warren Frame, president.

Boyertown Landfill is a <u>closed</u> Municipal Waste landfill. At one time this facility accepted <u>hazardous</u> waste from area companies. As a result the EPA designated this facility as a Hazardous waste landfill, and assigned this site a generator's identification number (above).

This "hazardous" designation has required the facility to treat its leachate prior to discharge to the local sewage treatment plant. (Discharge is sent to the Berks/Montgomery Municipal Authority)

The discovery of groundwater contamination has caused the landfill to undergo an extended closure period. This entails ongoing groundwater monitoring until the Department deems appropriate.

Boyertown Landfill has discontinued its quarterly well sampling. In addition, the facility has <u>not</u> conducted the required CME sampling event, for 1994. Not performing this sampling event is in violation of

(Line H247) 25 Pa Code 265.92(a)

Observed during the inspection were Monitoring Wells no. 1 and no. 9 with no locks on their caps. Also, Monitoring Well no. 10 was not visibly numbered, making field identification impossible. These conditions are in violation of

(Line H249) 25 Pa Code 265.91(d)

It should be noted that the lack of cap locks and well numbering are repeat violations, first cited on the inspection report of 7/30/93.

This inspection report is notice of the findings of an inspection	on conducted by a representative of the
Department. This report is formal notification of any violations observed du	ring the inspection. Additional notification of
violations may be issued concerning either violations noted herein, or other	Alorgitous identified as a Legalit of Leafes of
laboratory analyses c. Department records. This report does not constitute an order or other appealable act	tion of the Department. Nothing contained
herein shall be deemed to grant or imply immunity from legal action for any v Signature by the person interviewed does not necessarily imply of	violation noted herein. concurrence with the findings on this report;
but does acknowledge that the person was shown the report or that a copy was	
Person interviewed (signature)	Date
\mathcal{M} Λ Λ Λ	7 34 40
Inspector (signature)	Date 7-14-94 Page of
	Page of

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COMMONWEALTH OF PENNSYLVAMA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF WASTE MANAGEMENT

INSPECTION REPORT - MUNICIPAL WASTE LANDFILL

Site	I.D.		10	00550	Telephone # (213 45	6-5300	
				OYERTOWN LANDFILL	Operator Name		
		_	_	00 HERKEL RD.	Address 1205 POTTS	OWH PIKE	
				LBERTSUILLE PA. 19525	CLENHOORE,	PA.	
Mu	nicio	ality			County MONTGONERY	,	
				CIAL WARREN FRAME	Tive PRESIDEUT		
				red	Title		
Insp	ecto	× _		CHARLES FEES	Time		
	Due	Date	•	Inspection Date Inspection Type 7-26-94		ector ID # Viola	tion 5
Con	nme	nt: T	His	IS A CLOSED LAMBFILL.		CLOSEI	
Per	mit í	Yoid	atio	n Date: Quarterly Groundwater	Due Date: Days/	Week Operated:	
Rep	erm	it Da	ite:	Annual Groundwater D	ue Date: <u>9-30-94</u> Max. (Daily Volume:	
				1-No Violation Observed 2-Not-Applicable		ompliance	
_ 1	ST/	TUS		GENERAL PROVISION	ONS	CHAPTER CITATION	LINE
	1	Ť		Operation in accordance with approved plans a	nd permit.	273.201(c)(2)	101
Н	ᄫ	1	 ``	Operation within permit boundaries (vertical ar		273.201(c)(2)	102
	15	十	 	Disposal timing and sequence as per Section 273		273.201(c)(2)	103
-	$\dagger \dagger$	╁╌		No unapproved wastes or liquids.		273.201(d)-(g)	104
\vdash	11	T	†	Isolation distances are adhered to.		273.202(a)(1)-(13)	105
<u> </u>	Π	<u> </u>	 	Facilities certification requirements followed.		273.203(a), (b)	106
		1	†	Written Department approval of new construct	ion prior to waste disposal.	273.203(c)	107
	1			DAILY OPERATIO		<u> </u>	
-	tx	+	†	Proper signs posted.		273.211(a)	108
	tî	+-	╁	Site perimeter clearly marked and grid coordina	ate system in use.	273.211(b)-(d)	109
\vdash	#	†	T	Proper barriers installed and access controlled v		273.212(a)-(c)	110
r	$\dagger \dagger$	†		Access road maintained in accordance with Chanegotiable by collection vehicles.		273.213(a)-(k)	111
	╫	十	╁	Approved means of measuring waste utilized.		273.214(a), (b)	112
┢	╫	╁	╁	Adequate equipment on-site and stand-by equi	ipment available.	273.215(a), (b)	113
\vdash	#	╁╌	╁╴	Vehicles directed promptly to unloading area a		273.216(a), (b)	114
r	$\dagger \dagger$			Solid waste spread and compacted into layers notherwise approved.		273.21 6 (c)	115
	††	†	\top	Working face size suitable for compaction and	aily covering.	273.216(d)	116
 	++	+-	†	No open burning(*) or other fugitive dust emis		273.217(a), (c)	117
-	╁┼	╁╌	+-	Ambient ai: quality standards maintained.		273.217(b)	118
-	++	╁╌	+	Effective vector control implemented and publ	ic nuisances prevented.	273.218(a), (b)	119
-	╫	╁╌	+	Salvaging in accordance with regulations.		273.219(a), (b)	120
-	╁	+-	+-	Litter controlled/collected and barriers/fences	n place.	273.220(a)-(c)	121
•	12			I State of the second state and parties and second			

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COMMONWEALTH OF PENNSYLVAMA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF WASTE MANAGEMENT

Site Name	BOYERTOWN LAUN.
ID Number	100 550
	7-24-94

INSPECTION REPORT - MUNICIPAL WASTE LANDFILL (Cont'd) No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

				1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Co	mptiance	
1	-	TUS 3	_	LINER SYSTEM (cont'd)	CHAPTER CITATION	ITEM
	-	×		Protective cover protects primary liner and leachate collection system and allows free flow of leachate into the collection system.	273.257(a)	145
_	\vdash	۲,	\vdash		273.257(b)	146
				Leachate collection system within protective cover meets minimum requirements.	273.258(a), (b)	147
	┢	\parallel			273.259(a)-(d)	148
_	1	¥	✝	8 feet of select waste placed over protective cover.	273.260	149
_	┢	╁	╁╌	LEACHATE TREATMENT		
<u>_</u>	\vdash	╫	╂─	Leachate collected and handled through Department approved method(s).	273.272(a)-)c)	150
9	╁	╁╌	╁	Leachate transportation requirements adhered to.	273.273(a)-(c)	151
オオヤ	╁╴	╁╌	╁╌	Cessation of site operation if alternate leachate handling not available.	273.273(d)	152
Y			\vdash	Leachate treatment system permitted and fully operational at least 3 years before closure.	273.273(e)	153
X	1	╁╴	╁╌	Leachate recirculation in accordance with regulations.	273.274(1)-(4)	154
<u>≯</u>		1	†	Leachate collection and storage systems on-site have capacity of 30 days or 250,000 gallons, whichever is greater.	273.275(a)-(f)	155
<u> </u>	╁	T _x	╁╌	Leachate flow rate measured daily; analyzed quarterly.	273.276(a)-(b)	156
メ	╁	+}	╫─	Department notified when remedial action(s) required.	273.277(1)-(4)	157
7	1	╁	十	WATER QUALITY MONITORING		
	╁	╁	×	Approved monitoring system installed(*) and maintained. SEE CONNENTS	273.281(a), (b) & 273.283	158
	\dagger	╁	X	Quarterly and annual monitoring requirements adhered to and results submitted to Department within time constraints.	273.284 & 273.285	159
	╁	╁╴	₩	Groundwater assessment plan submitted and implement as required.	273.286(a)-(g)	160
	╁╴	╁╌	₩	Groundwater abatement plan submitted and implemented as required.	273.287(a)-(d)	16
_	╁╴	+	弋	RECORDICEPING AND REPORTING		
	T	T _x	,	Operational records maintained, available and submitted as required.	273.288 and 273.311-273.313	16
	╁	+	+	MINERALS AND GAS		
	+-	 	+	25 foot isolation maintained from coal formations and mine openings sealed in approved manner.	273.291(a), (b)	16
	╁╌	+	╫╌	Subsidence plan implemented as approved.	273.291(c)	16
_	╂┈	╫	╁	Gas venting and monitoring in accordance with approved plans.	273.292(a)-(d)	16
_	╁╌	╂	╁	Combustible gas levels not exceeded.	273.292(e)	16
	╀	╬	╁╌	Forced gas venting if required.	273.292(f)	16
	\dagger	₩	+	Gas recovery conducted as per approved plan and \$273.293, including annual analysis.	273.293(a), (b)	16
		4	L			_

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Commonwealth of Pennsylvania Department of Environmental Resources Bureau of Waste Management INSPECTION REPORT COMMENTS

Date o	o£	Inspection	7-26-94	Identification Number	r <u>100550</u>
				Boyertown Landfill	

Conducted an inspection of this <u>closed</u> landfill. Onsite with Warren Frame, president.

Two of the violations of the inspection of 7-30-93 have been corrected:

- 1. 25 Pa Code 293.201(a) "Operating a residual waste transfer without a permit" Warren Frame has removed the pile of fuel-contaminated soil. This soil was transferred to Pottstown Landfill. (See receipt of disposal 7-21-94)
- 2. 25 Pa Code 273.201(c)(2) "Gas plan implemented"

 W.Frame has repaired the gas risers at the south end of the landfill. Mr. Frame said that the flare house (east end of the landfill) is only operated if the landfill gas can support combustion. At present there is no propane-assist mechanism in place. There is a spark igniter which can be activated to initiate combustion.

This facility is in serious <u>non-compliance</u> with the Departmental groundwater monitoring requirements as follows:

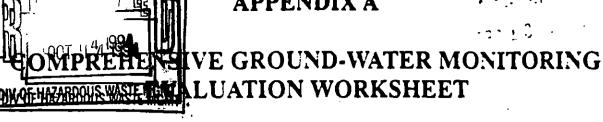
- Line 158, 25 Pa Code 273.283(b)(4),(6) "Approved monitoring system installed and maintained"

 During the inspection it was observed that Monitoring Wells no. 1 and no. 9 were unlocked. The cap on Well no. 9 was easily removed. This throws some doubt on the integrity of this well because it is not fenced in. Lastly, it was observed that Monitoring Well no. 10 was not numbered.
- Line 159, 25 Pa Code 273.284 and 273.285 "Quarterly and annual monitoring system requirements adhered to..."

 This landfill has discontinued groundwater monitoring. Citing lack of funds, W.Frame has not submitted quarterly sampling results for the 3rd and 4rth quarters of 1993,

Person interviewed (signature),	Date
Inspector (signature) Quel 216	Date 7-21-44 Page 5 of

APPENDIX A



BOYERTOWN LANDFILL, DOUGLASS TWP., MONTGOMERY CO. 6/27/94

The following worksheets have been designed to assist the enforcement officer/
technical reviewer in evaluating the ground-water monitoring system an owner/operator
uses to collect and analyze samples of ground water. The focus of the worksheets is
technical adequacy as it relates to obtaining and analyzing representative samples of
ground water. The basis of the worksheets is the final RCRA Ground Water Monitoring
Technical Enforcement Guidance Document which describes in detail the aspects of
ground-water monitoring which EPA deems essential to meet the goals of RCRA.
Appendix A is not a regulatory checklist. Specific technical deficiencies in the
monitoring system can, however, be related to the regulations as illustrated in Figure 4.3
taken from the RCRA Ground-Water Monitoring Compliance Order Guide (COG)
(included at the end of the appendix). The enforcement officer, in developing an
enforcement order, should relate the technical assessment from the worksheets to the
regulations using Figure 4.3 from the COG as a guide.

Comprehensive Ground-Water Monitoring Evaluation	Y/N
I. Office Evaluation Technical Evaluation of the Design of the Ground-Water Monitoring System	
A. Review of Relevant Documents	
1. What documents were obtained prior to conducting the inspection:	
a. RCRA Part A permit application?	Y
b. RCRA Part B permit application?	Y
c. Correspondence between the owner/operator and appropriate agencies or citizen's groups?	Y
d. Previously conducted facility inspection reports?	Y
e. Facility's contractor reports?	N
f. Regional hydrogeologic, geologic, or soil reports?	Y
g. The facility's Sampling and Analysis Plan?	N
h. Ground-water Assessment Program Outline (or Plan, if thefacility is in assessment monitoring)?	N
i. Other (specify)	-

	Y/N
B. Evaluation of the Owner/Operator's Hydrogeologic Assessment	
Did the owner/operator use the following direct techniques in the hydrogeologic assessment:	-
a. Logs of the soil borings/rock corings (documented by a professional geologist, soil ientist, or geotechnical engineer)?	?
b. Materials tests (e.g., grain size analyses, standard penetration tests, etc.)?	?
c. Piezometer installation for water level measurments at different depths?d. Slug tests?	?
e. Pump tests?	?
1. Geochemical analyses of soil samples?	?
g. Other (specify) (e.g., hydrochemical diagrams and wash analysis)	?
2. Did the owner/operator use the following indirect technique to supplement direct techniques data:	-
a. Geophysical well logs?	
b. Tracer studies?	?
c. Resistivity and/or electromagnetic conductance?	,
d. Seismic Survey?	?
e. Hydraulic conductivity measurements of cores?	?
f. Aeria! photography?	2
g. Ground penetrating radar?	?
h. Other (specify)	?
3. Did the owner/operator document and present the raw data from the site hydrogeologic assessment?	Y
4. Did the owner/operator document methods (criteria) used to correlate and analyze the information?	Y
5. The owner/operator prepare the following:	-
a. Narrative description of geology?	Y
b. Geologic cross sections?	N
c. Geologic and soil maps?	N
d. Boring/coring logs?	Y
e. Structure contour maps of the differing /ater bearing zones and confining layer?	N
f. Narrative description and calculation of ground-water flows?	Y

	Y/N
g. Water table/potentiometric map?	· Y
h. Hydrologic cross sections?	N
6. Did the owner/operator obtain a regional map of the area and delineate the facility?	Y
If yes, does this map illustrate:	
a. Surficial geology features?	N
b. Streams, rivers, lakes, or wetlands near the facility?	Y
c. Discharging or recharging wells near the facility?	N
7. Did the owner/operator obtain a regional hydrogeologic map?	Y
If yes, does this hydrogeologic map indicate:	
al Major areas of recharge/discharge?	Y
b. Regional ground-water flow direction?	Ý
c. Potentiometric contours which are consistent with observed water level	Y
elevations?	1 ,
8. Did the owner/operator prepare a facility site map? If yes, does the site map show:	Y
a. Regulated units of the facility (e.g., landfill areas, impoundments)?	Y
b. Any seeps, springs, streams, ponds, or wetlands?	
c. Location of monitoring wells, soil borings, or test pits?	<u> </u>
d. How many regulated units does the facility have?	1
If more than one regulated unit then,	
 Does the waste management area encompass all regulated units? 	_
• Is a waste management area delineated for each regulated unit?	
. Characterization of Subsurface Geology of Site 1. Soil boring/test pit program:	-
a. Were the soil borings/test pits performed under the supervision of a qualified professional?	Y
b. Did the owner/operator provide documentation for selecting the spacing for borings?	Y
c. Were the borings drilled to the depth of the first confining unit below the uppermost zone of saturation or ten feet into bedrock?	?
d. Indicate the method(s) of drilling:	

Laure Charachala	Y/N_
• location of borehole?	N
• depth of termination?	N
• location of screen (if applicable)?	N
depth of zone(s) of saturation?	Y
backfill procedure?	N
3. Did the owner/operator provide a topographic map which was constructed by a licensed surveyor?	Y
4. Does the topographic map provide: a. contours at a maximum interval of two-feet?	
b. locations and illustrations of man-made features (e.g., parking lots, factory	
buildings, drainage ditches, storm drain, pipelines, etc.)?	Y
c. descriptions of nearby water bodies?	Ÿ
d. descriptions of off-site wells?	N
e. site boundaries?	Y
f. individual RCRA units?	Y
g. delineation of the waste management area(s)?	Y
h. well and boring locations?	. Y
	·
5. Did the owner/operator provide an aerial photograph depicting the site and adjacent off-site features?	N Ì
	N N
off-site features? 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled?	N
off-site features? 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths	
 off-site features? 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a licensed surveyor to the nearest 0.01 	N
off-site features? 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a Reensed surveyor to the nearest 0.01 feet?	N N
 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a !!censed surveyor to the nearest 0.01 feet? b. Were the well water level measurements taken within a 24 hour period? 	N Y
6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a !!censed surveyor to the nearest 0.01 feet? b. Were the well water level measurements taken within a 24 hour period? c. Were the well water level measurements taken to the nearest 0.01 feet? d. Were the well water levels allowed to stabilize after construction and	N Y
off-site features? 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a licensed surveyor to the nearest 0.01 feet? b. Were the well water level measurements taken within a 24 hour period? c. Were the well water level measurements taken to the nearest 0.01 feet? d. Were the well water levels allowed to stabilize after construction and development for a minimum of 24 hours prior to measurements?	N Y
6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a !!censed surveyor to the nearest 0.01 feet? b. Were the well water level measurements taken within a 24 hour period? c. Were the well water level measurements taken to the nearest 0.01 feet? d. Were the well water levels allowed to stabilize after construction and	N Y
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 off-site features? 6. Does the photograph clearly show surface water bodies, adjacent municipalities, and residences and are these clearly labelled? F. Identification of Ground-Water Flowpaths 1. Ground-water flow direction a. Was the well casing height measured by a licensed surveyor to the nearest 0.01 feet? b. Were the well water level measurements taken within a 24 hour period? c. Were the well water level measurements taken to the nearest 0.01 feet? d. Were the well water level allowed to stabilize after construction and development for a minimum of 24 hours prior to measurements? e. Was the water level information obtained from (check appropriate one): 	N Y

	Y/N
f. Did the owner/operator provide construction details for the piezometers?	N
g. How were the static water levels measured (check method[s]).	
• Electric water sounder	
• Wented tape	Į
• Air line	-
Other (explain)	
h. Was the well water level measured in wells with equivalent screened intervals at	
an equivalent depth below the saturated zone?	N
i. Has the owner/operator provided a site water table (potentiometric) contour map?	Y
If yes,	
Do the potentiometric contours appear logical and accurate based on	Y
topography and presented data? (Consult water level data)	1
Are ground-water flow-lines indicated?	Ÿ
· Are static water levels shown?	Y
Can hydraulic gradients be estimated?	Y
j. Did the owner/operator develop hydrologic cross sections of the vertical flow	
component across the site using measurements from all wells?	N
k. Do the owner/operator's flow nets include:	
• piezometer locations?	N
• depth of screening?	N
• width of screening?	N
measurements of water levels from all wells and piezometers?	N
Seasonal and temporal fluctuations in ground-water a. Do fluctuations in static water levels occur? If yes, are the fluctuations caused by	Y .
any of the following:	
-Off-site well pumping	N
—Tidal processes or other intermittent natural	И
variations (e.g., river stage, etc.)	
-Oa-site well pumping	N
-Off-site, on-site construction or changing land use patterns	N
—Deep well injection	N
—Seasonal variations	Y
—Other (specify)	<u> </u>
b. Has the owner/operator documented sources and patterns that contribute to or	Y
affect the ground-water patterns below the waste management?	
c. Do water level fluctuations alter the general ground-water gradients and flow	Y
directions?	
d. Based on water level data, do any head differentials occur that may indicate a	Y
vertical flow component in the saturated zone?	

•	Y/N
 e. Did the owner/operator implement means for gauging long term effects on water movement that may result from on-site or off-site construction or changes in land-use patterns? 	N
3. Hydraulic conductivity	
a. How were hydraulic conductivities of the subsurface materials determined?	?
Single-well tests (slug tests)?	?
Multiple-well tests (pump tests)	?-
• Other (specify)	?
b. If single-well tests were conducted, was it done by:	
Adding or removing a known volume of water?	?
Pressurizing well casing?	?
c. If single well tests were conducted in a highly permeable formation, were	?
pressure transducers and high-speed recording equipment used to record the rapidly changing water levels?	
d. Since single well tests only measure hydraulic conductivity in a limited area,	
were enough tests run to ensure a representative measure of conductivity in each	?
hydrogeologic unit?	
e. Is the owner/operator's slug test data (if applicable) consistent with existing	0
geologic information (e.g., boring logs)?	?
f. Were other hydraulic conductivity properties determined?	?
g. If yes, provide any of the following data, if available:	
• Transmissivity	?
• Storage coefficient	•
• Leakage	
• Permeability	•
• Porosity	1
Specific capacity	
Other (specify)	
4. Identification of the uppermost aquifer .	
a. Has the extent of the uppermost saturated zone (aquifer) in the facility area been defined? If yes,	Y
Are soil boring/test pit logs included?	N
Are geologic cross-sections included?	N
b. Is there evidence of confining (competent, unfractured, continuous, and low	<u> </u>
permeability) layers beneath the site? If yes,	Y
• how was continuity demonstrated? RECTONAL PETROGRAPHY	
c. What is hydraulic conductivity of the confining unit (if present)? CM/Sec How	?
was it determined?	<u> </u>

	Y/N
d. Does potential for other hydraulic communication exist (e.g., lateral incontinuity between geologic units, facies changes, fracture zones, cross cutting structures, or chemical corrosion/alteration of geologic units by leachage? If yes or no, what	
is the rationale? REGIONAL FRACTURES, BRUNSWICK FM.	
	- <u>-</u>
G. Office Evaluation of the Facility's Ground-Water Monitoring System— Monitoring Well Design and Construction:	
These questions should be answered for each different well design present at the facility.	
1. Drilling Methods	
a. What drilling method was used for the well?	٠
Hollow-stem auger	
• Solid-stem auger	?
Mud rotary	
• Air rotary	
• Reverse rotary	ľ
• Cable tool	
• Jetting	
Air drill w/ casing hammer	·
Other (specify)	
b. Were any cutting fluids (including water) or additives used during drilling? If	
yes, specify:	•
Type of drilling fluid	
Source of water used	?
• Foam	
Polymers	
• Other	
c. Was the cutting fluid, or additive, identified?	Ń
d. Was the drilling equipment steam-cleaned prior to drilling the well?	?
Other methods	<u> </u>
e. Was compressed air used during drilling? If yes,	?
• was the air filtered to remove oil?	
f. Did the owner/operator document procedure for establishing the potentiometric	
surface? If yes,	?
• how was the location established?	
g. Formation samples	?

	Y/N
 Were formation samples collected initially during drilling? 	?
Were any cores taken continuous?	?
• If not, at what interval were samples taken?	?
How were the samples obtained?	1
—Split spoon	1
Shelby tube	2
—Core drill	•
Other (specify)	
Identify if any physical and/or chemical tests were performed on the	
formation samples (specify)	ì
	?
· · · · · · · · · · · · · · · · · · ·	
	ł
	
2. Monitoring Well Construction Materials	
· ·	
a. Identify construction materials (by number) and diameters (ID/OD)	1
Material Diameter	
• Primary Casing PVC 4"	
Secondary or outside casing	
(doubleconstruction)	
• Screen	
b. How are the sections of casing and screen connected?	
• Pipe sections threaded	?
Couplings (friction) with adhesive or solvent	?
Couplings (friction) with retainer screws	?
Other (specify)	?
c. Were the materials steam-cleaned prior to installation?	
If no, how were the materials cleaned?	?
3. Well Intake Design and Well Development	
	?
a. Was a well intake screen installed?	
• What is the length of the screen for the well?	
	?
• Is the screen manufactured?	?
b. Was a filter pack installed?	?
What kind of filter pack was employed?	1
	?
Is the filter pack compatible with formationmaterials?	?
How was the filter pack installed?	
	?

	Y/N
What are the dimensions of the filter pack?	?
Has a turbidity measurement of the well water ever been made?	Y
Have the filter pack and screen been designed for the insitu materials?	
c. Well development	. ?
Was the well developed?	Y
What technique was used for well development?	
—Surge block	1
—Bailer	
—Air surging	į.
XXXWater pumping	f
—Other (specify)	
4. Annular Space Seals	
4. Amuni Space Seals	
a. What is the annular space in the saturated zone directly above the filter pack	1
filled with:	1
—Sodium bentonite (specify type and grit)	?
—Cement (specify neat or concrete)	ŀ
—Other (specify)	1
b. Was the seal installed by:	
—Dropping material down the hole and tamping	i
—Dropping material down the inside of hollow-stem auger	
—Tremie pipe method	?
-Other (specify)	ï
c. Was a different seal used in the unsaturated zone? If yes,	7
• Was this seal made with?	
-Sodium bentonite (specify type and grit)	?
—Cement (specify nest or concrete)- Other (specify)	
• Was this seal installed by?	
-Dropping material down the hole and tamping	
—Dropping material down the inside of hollow stem auger	?
Other (specify)	
d. Is the upper portion of the borehole sealed with a concrete cap to prevent	Y
infiltration from the surface?	Ţ
e. Is the well fitted with an above-ground protectivedevice and bumper guards?	Y
f. Has the protective cover been installed with locks to prevent tampering?	
	Y
	1
	Ţ

1. Placement of Downgradient Detection Monitoring Wells a. Are the ground-water monitoring wells or clusters located immediately adjacent to the waste management area? b. How far apart are the detection monitoring wells? c. Does the owner/operator provide a rationale for thelocation of each monitoring well or clusters? d. Does the owner/operator identified the well screenlengths of each monitoring well or clusters? e. Does the owner/operator provide an explanation for the well screen lengths of each monitoring well orcluster? f. Do the actual locations of monitoring wells orclusters correspond to those identified by the owner/operator? 2. Placement of Upgradient Monitoring Wells a. Has the owner/operator documented the location of each upgradient monitoring well or cluster? b. Does the owner/operator provide an explanation forthe location(s) of the upgradient monitoring wells? c. What length screen has the owner/operator employed in the background monitoring well(s)? d. Does the owner/operator provide an explanation for the screen length(s) chosen? e. Does the actual location of each background monitoring well or cluster correspond to that identified by the owner/operator? Office Evaluation of the Facility's Assessment Monitoring Program 1. Does the assessment plan specify: a. The number, location, and depth of wells? b. The rationale for their placement and identify the basis that will be used to select subsequent sampling locations and depths in later assessment phases?		Y/N
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subsequent sampling locations and depths in later assessment phases? 2. Does the list of monitoring parameters include all hazardous waste constituents		
2. Does the list of monitoring parameters include all hazardous waste constituents	•	Y
		
	2. Does the list of monitoring parameters include all hazardous waste constituents from the facility?	Y
<u> </u>		

	Y/N
a. Does the water quality parameter list include other important indicators not classified as hazardous waste constituents?	Д
b. Does the owner/operator provide documentation for he listed wastes which are not included?	N
3. Does the owner/operator's assessment plan specify the procedures to be used to determine the rate of constituent migration in the ground-water?	N
4. Has the owner/operator specified a schedule of implementation in the assessment plan?	N
5. Have the assessment monitoring objectives been clearly defined in the assessment plan?	. N
a. Does the plan include analysis and/or re-evaluation to determine if significant contamination has occurred any of the detection monitoring wells?	N
b. Does the plan provide for a comprehensive program of investigation to fully characterize the rate and extent of contaminant migration from the facility?	N
c. Does the plan call for determining the concentrations of hazardous wastes and hazardous waste constituents in the ground water?	. N
d. Does the plan employ a quarterly monitoring program?	N
6. Does the assessment plan identify the investigatory methods that will be used in the assessment phase?	Y
a. Is the role of each method in the evaluation fully described?	N
b. Does the plan provide sufficient descriptions of the direct methods to be used?	N
c. Does the plan provide sufficient descriptions of the indirect methods to be used?	N
d. Will the method contribute to the further characterization of the contaminant movement?	Y
7. Are the investigatory techniques utilized in the assessment program based on direct methods?	Y
a. Does the assessment approach incorporate indirect methods to further support direct methods?	N
b. Will the planned methods called for in the assessment approach ultimately meet performance standards for assessment monitoring?	?
c. Are the procedures well defined?	Y
d. Does the approach provide for monitoring wells similar in design and construction as the detectionmonitoring wells?	Y

	Y/N
e. Does the approach employ taking samples during drilling or collecting core samples for further analysis?	N
8. Are the indirect methods to be used based on reliable and accepted geophysical techniques?	N/A
a. Are they capable of detecting subsurface changes resulting from contaminant migration at the site?	N/A
b. Is the measurement at an appropriate level of sensitivity to detect ground-water quality changes at the site?	Y
c. Is the method appropriate considering the nature of the subsurface materials?	Y
d. Does the approach consider the limitations of these methods?	Y
 e. Will the extent of contamination and constituent concentration be based on direct methods and sound engineering judgment? (Using indirect methods tofurther substantiate the findings.) 	Y
9. Does the assessment approach incorporate any mathe-matical modeling to predict contaminant movement?	N
a. Will site specific measurements be utilized toaccurately portray the subsurface?	?
b. Will the derived data be reliable?	?
c. Have the assumptions been identified?	?
d. Have the physical and chemical properties of the site-specific wastes and hazardous waste constituentsbeen identified?	Υ .
J. Conclusions 1. Subsurface geology	
a. Has sufficient data been collected to adequately define petrography and petrographic variation?	Y
b. Has the subsurface geochemistry been adequately defined?	v
c. Was the boring/coring program adequate to definesubsurface geologic variation?	<u>Y</u>
d. Was the owner/operator's narrative description complete and accurate in its	<u> </u>
interpretation of the data?	Y
e. Does the geologic assessment address or provide means to resolve any information gaps?	?
2. Ground-water flowpaths	Y
a. Did the owner/operator adequately establish the hori-zontal and vertical components of ground-water flow?	

	Y/N
b. Were appropriate methods used to establish ground-water flowpaths?	Y
c. Did the owner/operator provide accurate documentation?	N
d. Are the potentiometric surface measurements valid?	?
e. Did the owner/operator adequately consider the seasonal and temporal effects on the ground-water?	?
f. Were sufficient hydraulic conductivity tests performed to document lateral and vertical variationin hydraulic conductivity in the entire hydrogeologic subsurface below the size?	N
3. Uppermost Aquifer	Y
a. Did the owner/operator adequately define the upper-most aquifer?	
4. Monitoring Well Construction and Design	
a. Do the design and construction of the owner/operator's ground-water monitoring wells permit depth discrete ground-water samples to be taken?	Y
b. Are the samples representative of ground-water quality?	?
c. Are the ground-water monitoring wells structurally stable?	_ Y
d. Does the ground-water monitoring well's design and construction permit an accurate assessment of aquifer characteristics?	Y
5. Detection Monitoring	
a. Downgradient Wells	
• Do the location, and screen lengths of the ground-water monitoring wells or	
clusters in the detection monitoring system allow the immediate detection of a	
release of hazardous waste or constituents from the hazardous waste management area to the uppermost aquifer?	3.
 b. Upgradient Wells Do the location and screen lengths of the upgradient (background) ground-water monitoring wells ensure the capability of collecting ground-water samples representative of upgradient (background) ground-water quality including any ambient heterogenous chemical characteristics? 	Ү
6. Assessment Monitoring	
a. Ilas the owner/operator adequately characterized site hydrogeology to determine contaminant migration?	Y
b. Is the detection monitoring system adequately designed and constructed to immediately detect any contaminant release?	?

	Y/N
c. Are the procedures used to make a first determination of contamination adequate?	N
d. Is the assessment plan adequate to detect, characterize, and track contaminant migration?	Y
e. Will the assessment monitoring wells, given site hydrogeologic conditions,	
define the extent and concentration of contamination in the horizontal and vertical planes?	Y
f. Are the assessment monitoring wells adequately designed and constructed?	?
g. Are the sampling and analysis procedures adequate to provide true measures of contamination?	Y
h. Do the procedures used for evaluation of assessment monitoring data result in	
determinations of the rate of migration, extent of migration, and hazardous constituent composition of the contaminant plume?	N
i. Are the data collected at sufficient frequency and duration to adequately	
determine the rate of migration?	N
j. Is the schedule of implementation adequate?	N
k. Is the owner/operator's assessment monitoring plan adequate?	N
• If the owner/operator had to implement hisassessment monitoring plan, was it	
implemented satisfactorily?	N
 II. Field Evaluation A. Ground-Water Monitoring System 1. Are the numbers, depths, and locations of monitoring wells in agreement with those reported in the facility's monitoring plan? (See Section 3.2.3.) 	Y
B. Monitoring Well Construction	
1. Identify construction material material diameter	
a. Primary Casing PVC b. Secondary or outside casing STEEL	
2. Is the upper portion of the borehole sealed with conrete to prevent infiltration from the surface?	Y
3. Is the well fitted with an above-ground protective device?	Y
4. Is the protective cover fitted with locks to prevent tampering? If a facility utilizes more than a single well design, answer the above questions for each well design?	Y

	Y/N
III. Review of Sample Collection Procedures	
A. Measurement of Well Depths /Elevation	
1. Are measurements of both depth to standing water and depth to the bottom of the well made?	N
2. Are measurements taken to the 0.01 feet?	N
3. What device is used?	N/A
4. Is there a reference point established by a licensed surveyor?	N/A
5. Is the measuring equipment properly cleaned betweenwll locations to prevent cross contamination?	N
B. Detection of Immiscible Layers	
1. Are procedures used which will detect light phase immiscible layers?	, N
2. Are procedures used which will detect heavy phase immiscible layers?	N
C. Sampling of Immiscible Layers	N
1. Are the immiscible layers sampled separately prior to well evacuation?	. 14
2. Do the procedures used minimize mixing with watersoluble phases?	N
D. Weil Evacuation	
1. Are low yielding wells evacuated to dryness?	N
2. Are high yielding wells evacuated so that at least three casing volumes are removed?	N
3. What device is used to evacuate the wells?	N/A
4. If any problems are encountered (e.g., equipmentmalfunction) are they noted in a field logbook?	N

	Y/N
E. Sample Withdrawal	
1. For low yielding wells, are samples for volatiles, pH, and oxidation/reduction potential drawn first after the well recovers?	N
2. Are samples withdrawn with either flurocarbon/resins or stainless steel (316, 304 or 2205) sampling devices?	N
3. Are sampling devices either bottom valve bailers or positive gas displacement bladder pumps?	N
4. If bailers are used, is fluorocarbon/resin coated wire, single strand stainless steel wire, or monofilament used to raise and lower the bailer?	N
5. If bladder pumps are used, are they operated in acontinuous manner to prevent aeration of the sample?	N
6. If bailers are used, are they lowered slowly to prevent degassing of the water?	N
7. If bailers are used, are the contents transferred to the sample container in a way that minimizes agitation and aeration?	N
8. Is care taken to avoid placing clean sampling equipment on the ground or other contaminated surfaces prior to insertion into the well?	N
9. If dedicated sampling equipment is not used, is equipment disassembled and thoroughly cleaned between samples?	N
10. If samples are for inorganic analysis, does the cleaning procedure include the following sequential steps:	
a. Dilute acid rinse (HNO ₃ or HC1)?11. If samples are for organic analysis, does the cleaning procedure include the following sequential steps:	N
11. If samples are for inorganic analysis, does the cleaning procedure include the following sequential steps:	N
a. Nonphosphate detergent wash?	
b. Tap water rinse?	N
c. Distilled/deionized water rinse? d. Acetone rinse?	N
e. Pesticide-grade hexane rinse?	<u>N</u> N

	Y/N
12. Is sampling equipment thoroughly dry before use?	N
13. Are equipment blanks taken to ensure that sample cross-contamination has not occurred?	N
14. If volatile samples are taken with a positive gas displacement bladder pump, are pumping rates below 100 ml/min?	N
F. In-situ or Field Analyses	:
1. Are the following labile (chemically unstable) parameters determined in the field:	N
a. pH?	N
b. Temperature?	N
c. Specific conductivity?	N .
d. Redox potential?	N
e. Chlorine?	N
f. Dissolved oxygen?	N
g. Turbidity?	И
h. Other (specify)	N
2. For in-situ determinations, are they made after well evacuation and sample removal?	N
3. If sample is withdrawn from the well, is parameter measured from a split portion?	N
4. Is monitoring equipment calibrated according to mannufacturers' specifications and consistent with SW-846?	Ν
5. Is the date, procedure, and maintenance for equipment calibration documented in the field logbook?	N
IV. Review of Sample Preservation and Handling Procedures	
A. Sample Containers	
1. Are samples transferred from the sampling device directly to their compatible containers?	N

2. Are sample containers for metals (inorganics) analyses polyethylene with polypropylene caps? 3. Are sample containers for organics analysis glass bottles with fluorocarbonresin-lined caps? 4. If glass bottles are used for metals samples are the caps fluorocarbonresin-lined? 5. Are the sample containers for metal analyses cleanedusing these sequential steps: a. Nonphosphate detergent wash? b. 1:1 nitric acid rinse? c. Tap water rinse? d. 1:1 hydrochloric acid rinse? f. Distilled/deionized water rinse? f. Distilled/deionized water rinse? a. Nonphosphate detergent/hot water wash? b. Tap water rinse? c. Distilled/deionized water rinse? d. Acetone rinse? d. Acetone rinse? e. Pesticide-grade bexane rinse? 7. Are trip blanks used for each sample container t, pe to verify cleanliness? 8. Sample Preservation Procedures 1. Are samples for the following analyses cooled to 4°C: a. TOC? b. TOX? c. Chloride? d. Phenols? e. Sulfate? f. Nirste? g. Coliform bacteria? h. Cyanide? i. Oil and grease? j. Hazardous constituents () 261, Appendix VIII)?		Y/N
3. Are sample containers for organics analysis glass bottles with fluorocarbonresin-lined caps? 4. If glass bottles are used for metals samples are the caps fluorocarbonresin-lined? 5. Are the sample containers for metal analyses cleanedusing these sequential steps: a. Nonphosphate detergent wash? b. 1:1 nitric acid rinse? c. Tap water rinse? d. 1:1 hydrochloric acid rinse? f. Distilled/deionized water rinse? 6. Are the sample containers for organic analyses cleaned using these sequential steps: a. Nonphosphate detergent/hot water wash? b. Tap water rinse? c. Distilled/deionized water rinse? d. Acetone rinse? c. Distilled/deionized water rinse? d. Acetone rinse? e. Pesticide-grade bexane rinse? 7. Are trip blanks used for each sample container type to verify cleanliness? 8. Sample Preservation Procedures 1. Are samples for the following analyses cooled to 4°C: a. TOC? b. TOX? c. Chloride? d. Phenois? e. Sulfate? f. Nitrate? g. Coliform bacteria? N. N. N. N. N. N. N. N. N. N. N. O. Sample Preservation bacteria? N. N. N. O. Analog? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. N. N. N. N. N. N. O. Janide? N. N. N. N. N. N. N. O. Janide? N. N. N. N. N. O. Janide? N. N. N. O. Janide? N. N. N. N. N. O. Janide? N. N. N. O. Janide. N. N. N. O. Janide. N. N. N. O. Janide. N. N. N. O. Janide	2. Are sample containers for metals (inorganics) analyses polyerhylene with	
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1. Are samples for the following analyses cooled to 4°C: a. TOC? b. TOX? c. Chloride? d. Phenols? e. Sulfate? f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?	7. Are trip blanks used for each sample container type to verify cleanliness?	N
1. Are samples for the following analyses cooled to 4°C: a. TOC? b. TOX? c. Chloride? d. Phenols? e. Sulfate? f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?		
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a. TOC? b. TOX? c. Chloride? d. Phenols? e. Sulfate? f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?	1. Are samples for the following analyses cooled to 4°C:	N
b. TOX? c. Chloride? d. Phenols? e. Sulfate? f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?		IV.
c. Chloride? d. Phenols? e. Sulfate? N f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?		
d. Phenols? e. Sulfate? f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?		M
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f. Nitrate? g. Coliform bacteria? h. Cyanide? i. Oil and grease?		
g. Coliform bacteria? h. Cyanide? i. Oil and grease?		
h. Cyanide? i. Oil and grease?		
i. Oil and grease?		
		1/

•	Y/N
2. Are samples for the following analyses field acidified to pH <2 with HNO ₃ :	
a. Iron?	И
b. Manganese?	
c. Sodium?	
d. Total metals?	N N
e. Dissolved metals?	N
f. Fluoride?	N N
g. Endrin?	N
h. Lindane?	N
i. Methoxychlor?	N
j. Toxaphene?	N
k. 2,4, D?	N
1. 2,4,5 TP Silvex?	
m. Radium?	N N
n. Gross alpha?	N
o. Gross beta?	N
3. Are samples for the following analyses field acidfied to pH <2 with H₂SO₄: a. Phenois?	N
b. Oil and grease?	N
4. Is the sample for TOC analyses field acified to pH <2 with HCl?	N
5. Is the sample for TOX analysis preserved with 1 ml of 1.1 M sodium sulfite?	N
6. Is the sample for cyanide analysis preserved with NaOH to pH >12?	N
C. Special Handling Considerations	
1. Are organic samples handled without filtering?	N
2. Are samples for volatile organics transferred to the appropriate vials to eliminate headspace over the sample?	N
3. Are samples for metal analysis split into two portions?	N
4. Is the sample for dissolved metals filtered through a 0.45 micron filter?	N .
5. Is the second portion not filtered and analyzed for total metals?	. N
6. Is one equipment blank prepared each day of ground-water sampling?	N

	Y/N
V. Review of Chain-of-Custody Procedures	
A. Sample Labels	,,
1. Are sample labels used?	N
2. Do they provide the following information:	N
a. Sample identification number?	
b. Name of collector?	N
c. Date and time of collection?	N
d. Place of collection?	N
e. Parameter(s) requested and preservitives used?	N _
3. Do they remain legible even if wet?	N
B. Sample Seals	
1. Are sample seals placed on those containers to ensure samples are not altered?	. И
1. Ale sample seas praces on those commission to chamber are not aware.	
C. Field Logbook	
1. Is a field logbook maintained?	N
2. Does it document the following:	
a. Purpose of sampling (e.g., detection or assesment)?	N
b. Location of well(s)?	N
c. Total depth of each well?	N
d. Static water level depth and measurement technique?	N
e. Presence of immiscible layers and detection method?	N
f. Collection method for immiscible layers and sample identification numbers?	N
g. Well evacuation procedures?	N
h. Sample withdrawal procedure?	N
i. Date and time of collection?	N
j. Well sampling sequence?	N
k. Types of sample containers and sample identification number(s)?	N
I. Preservative(s) used?	N
m. Parameters requested?	N
n. Field analysis data and method(s)?	N
o. Sample distribution and transporter?	N
p. Field observations?	N

	Y/N
—Unusual well recharge rates?	N
—Equipment malfunction(s)?	N
—Possible sample contamination?	N
—Sampling rate?	N
D. Chain-of-Custody Record	
1. Is a chain-of-custody record included with each sample?	N
2. Does it document the following:	
a. Sample number?	N
b. Signiture of collector?	N
c. Date and time of collection?	N
d. Sample type?	
e. Station location?	N N
f. Number of containers?	N
g. Parameters requested?	N
h. Signatures of persons involved in chain-of-custody?	N
i. Inclusive dates of custody?	N
E. Sample Analysis Request Sheet 1. Does a sample analysis request sheet accompany each sample?	N
2. Does the request sheet document the following:	N
a. Name of person receiving the sample?	· ·
b. Date of sample receipt?	N
c. Duplicates?	N N
d. Analysis to be performed?	N
IV. Review of Quality Assurance/Quality Control	
A. Is the validity and reliability of the laboratory and field generated data ensured by a QA/QC program?	N ·
B. Does the QA/QC program include:	
1. Documentation of any deviation from approved procedures?	N

	Y/N
2. Documentation of analytical results for:	
	N
a. Blanks? b. Standards?	N N
c. Duplicates?	N
d. Spiked samples?	N
e. Detectable limits for each parameter being analyzed?	N
C. Are approved statistical methods used?	N
D. Are QC samples used to correct data?	N
E. Are all data critically examined to ensure it has been properly calculated and reported?	И
VII. Surficial Well Inspection and Field Observation A. Are the wells adequately maintained?	Y
B. Are the monitoring wells protected and secure?	N .
C. Do the wells have surveyed casing elevations?	_Y
D. Are the ground-water samples turbid?	?
E. Have all physical characteristics of the site been noted in the inspector's field notes (i.e., surface waters, topography, surface features)?	· Y
F. Has a site sketch been prepared by the field inspector with scale, north arrow, location(s) of buildings, location(s) of regulated units, locations of monitoring wells, and a rough depiction of the site drainage pattern?	Y

VIII. Conclusions A. Is the facility currently operating under the correct monitoring progaram according to the statistical analyses performed by the current operator? B. Does the ground-water monitoring system, as designed and operated, allow for detection or assessment of any possible ground-water contamination caused by the facility? C. Does the sampling and analysis procedures permit the owner/operator to detect and, where possible, assess the nature and extent of a release of hazardous constituents to ground water from the monitored hazardous waste management facility?	N N
A. Is the facility currently operating under the correct monitoring progaram according to the statistical analyses performed by the current operator? B. Does the ground-water monitoring system, as designed and operated, allow for detection or assessment of any possible ground-water contamination caused by the facility? C. Does the sampling and analysis procedures permit the owner/operator to detect and, where possible, assess the nature and extent of a release of hazardous constituents to ground water from the monitored hazardous waste management	N
according to the statistical analyses performed by the current operator? B. Does the ground-water monitoring system, as designed and operated, allow for detection or assessment of any possible ground-water contamination caused by the facility? C. Does the sampling and analysis procedures permit the owner/operator to detect and, where possible, assess the nature and extent of a release of hazardous constituents to ground water from the monitored hazardous waste management	N
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and, where possible, assess the nature and extent of a release of hazardous constituents to ground water from the monitored hazardous waste management	N

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Figure 4.3 Relationship of Technical Inadequacies to Ground-Water Performance Standards

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
Uppermost Aquifer must be correctly	failure to consider aquifers hydraulically interconnected to the	§265.90(a) §265.91(a)(1, 2)
identified.	uppermost aquifer.	§270.14(c)(2)
	• incorrect identification of certain	§265.90(a)
	formations as confining layers or	§265.91(a)(1, 2)
	aquitards.	§270.14(c)(2)
	• failure to use test drilling and/or soil	§265.90(a)
	borings to characterize subsurface	§265.91(a)(1, 2)
	hydrogeology.	§270.14(c)(2)
	• failure to use piezometers or wells to	§265.90(a)
2. Ground-water flow	determine ground-water flow rates and	\$265.91(a)(1, 2)
directions and rates must be properly determined.	directions (or failure to use a sufficient number of them).	§270.14(c)(2)
	• failure to consider temporal variations	§265.90(a)
	in water levels when establishing flow	§265.91(a)(1, 2)
•	directions (e.g., seasonal variations, short-term fluctuations due to pumping).	§270.14(c)(2)
	· failure to assess significance of vertical	§265.90(a)
	gradients when evaluating flow rates	§265.91(a)(1, 2)
	and directions.	\$270.14(c)(2)
	failure to use standard/consistent	§265.90(a)
	benchmarks when establishing water	§265.91(a)(1, 2)
	level elevations.	§270.14(c)(2)
•	• failure of the owner/operator (0/0) to	§265.90(a)
•	consider the effect of local withdrawal wells on ground-water flow direction.	§265.91(a)(1)
	• failure of the o/o to obtain sufficient	§265.90(a)
	water level measurements.	§265.91(a)(1)

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
3. Background wells	• failure of the 0/0 to consider the effect of	§265.90(a)
must be located so as to yield	local withdrawal wells on ground-water flow direction.	§265.91(a)(1)
samples that are	• failure of the o/o to obtain sufficient	§265.90(a)
not affected by the facility.	water level measurements.	§265.91(a)(1)
•	• failure of the o/o to consider flow path of	§265.90(a)
	dense immiscibles in establishing upgradient well locations.	§265.91(a)(1)
	• failure of the o/o to consider seasonal	§265.90(a)
	fluctuations in ground-water flow direction.	§265.91(a)(1)
	• failure to install wells hydraulically	§265.90(a)
	upgradient, except in cases where upgradient water quality is affected by the facility (e.g., migration of dense immiscibles in the upgradient direction, mounding water beneath the facility).	§265.91(a)(1)
	• failure of the o/o to adequately	§265.90(a)
•	characterize subsurface hydrogeology.	§265.91(a)(1)
	• wells intersect only ground water that	§265.90(a)
	flows around facility.	§265.91(a)(1)
4. Background wells	wells constructed of materials that may	§265.90(a)
must be	release or absorb constituents of concern	. §265.91(a)
constructed so as	• wells improperly sealed—contamination	§265.90(a)
to yield samples that are	of sample is a concern.	§265.91(a), (c)
representative of	• nested or multiple screen wells are used	§265.90(a)
in-situ ground- water quality.	and it cannot be demonstrated that there has been no movement of ground water between strata.	§265.91(a)(1, 2)

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
1 Deeleground walls	• improper drilling methods were used,	§265.90(a)
4. Background wells must be	possibly contaminating the formation.	§265.91(a)
constructed so as to yield samples	well intake packed with materials that may contaminate sample.	§265.90(a) §265.91(a), (c)
that are representative of	• well screens used are of an	§265.90(a)
in-situ ground-	inappropriate length.	§265.91(a)(1, 2)
water quality. (Continued)	 wells developed using water other than formation water. 	§265.90(a) §265.91(a)
	 improper well development yielding samples with suspended sediments that may bias chemical analysis. 	§265.90(a) §265.91(a)
	 use of drilling muds or nonformation water during well construction that can bias results of samples collected from wells. 	§265.90(a) §265.91(a)
5. Downgradient	 wells not placed immediately adjacent to waste management area. 	§265.90(a) §265.91(a)(2)
monitoring wells must be located so		
as to ensure the immediate detection of any contamination migrating from the facility.	 failure of o/o to consider poential pathways for dense immiscibles. 	§265.90(a) §265.91(a)(2)
	 inadequate vertical distribution of wells in thick or heavily stratified aquifer. 	§265.90(a) §265.91(a)(2)
	• inadequate horizontal distribution of	§265.90(a)
	wells in aquifers of varying hydraulic conductivity.	\$265.91(a)(2)
	 likely pathways of contamination (e.g., buried streams channels, fractures, areas of high permeability) are not intersected by wells. 	§265.90(a) §265.91(a)(2)
	 well network covers uppermost but not interconnected aquifers. 	§265.90(a) §265.91(a)(2)

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
6. Downgradient monitoring wells must be constructed so as to yield samples that are representative of in-situ groundwater quality.	See No. 4 above.	•
7. Samples from background and downgradient	 failure to evacuate stagnant water from the well before sampling. 	§265.90(a), §265.92(a) §265.93(d)(4) §2705.14(c)(4)
wells must be properly collected and analyzed.	 failure to sample wells within a reasonable amount of time after well evacuation. 	§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)
	 improper decisions regarding filtering or non-filtering of samples prior to analysis (e.g., use of filtration on samples to be analyzed for volatile organics). 	§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)
·	use of an inappropriate sampling device.	\$265.90(a) \$265.92(a) \$265.93(d)(4) \$270.14(c)(4)
•	 use of improper sample preservation techniques. 	\$265.90(a) \$265.92(a) \$265.93(d)(4) \$270.14(c)(4)

downgradient wells must be properly collected and analyzed. (Continued)	* samples collected with a device that is constructed of materials that interfere with sample integrity. * samples collected with a non-dedicated sampling device that is not cleaned between sampling events.	\$265.90(a) \$265.92(a) \$265.93(d)(4) \$270.14(c)(4) \$265.90(a) \$265.92(a) \$265.93(d)(4)
background and downgradient wells must be properly collected and analyzed. (Continued)	constructed of materials that interfere with sample integrity. samples collected with a non-dedicated sampling device that is not cleaned	§265.92(a) §265.93(d)(4) §270.14(c)(4) §265.90(a) §265.92(a)
downgradient wells must be properly collected and analyzed. (Continued)	constructed of materials that interfere with sample integrity. samples collected with a non-dedicated sampling device that is not cleaned	§265.92(a) §265.93(d)(4) §270.14(c)(4) §265.90(a) §265.92(a)
wells must be properly collected and analyzed. (Continued)	 with sample integrity. samples collected with a non-dedicated sampling device that is not cleaned 	§265.93(d)(4) §270.14(c)(4) §265.90(a) §265.92(a)
properly collected and analyzed. (Continued)	• samples collected with a non-dedicated sampling device that is not cleaned	§270.14(c)(4) §265.90(a) §265.92(a)
and analyzed. (Continued)	sampling device that is not cleaned	§265.92(a)
and analyzed. (Continued)	sampling device that is not cleaned	§265.92(a)
		3-00.75(0)(4)
		§270.14(c)(4)
	e improper use of a complice device such	10// 00/ >
	 improper use of a sampling device such that sample quality is affected (e.g., 	§265.90(a)
	degassing of sample caused by agitation	§265.92(a)
	of bailer).	§265.93(d)(4)
	or variety.	§270.14(c)(4)
•	improper handling of samples (e.g.,	§265.90(a)
	failure to eliminate headspace from	§265.92(a)
·	containers of samples to be analyzed for	§265.93(d)(4)
	volatiles).	\$270.14(c)(4)
•	failure of the sampling plan to establish	\$265.90(a)
	procedures for sampling immiscibles	\$265.92(a)
	(i.e., "floaters" and "sinkers").	§265.93(d)(4)
		§270.14(c)(4)
•	failure to follow appropriate QA/QC	\$265.90(a)
	procedures.	\$265.92(a)
		§265.93(d)(4)
		\$270.14(c)(4)
	failure to engues semple interior shows t	
·	failure to ensure sample integrity through the use of proper chain-of-custody	\$265.90(a)
	procedures.	§265.92(a)
	procedure.	§265.93(d)(4)
	·	§270.14(c)(4)
	failure to demonstrate suitability of	§265.90(a)
	methods used for sample analysis (other	\$265.92(a)
	than those specified in SW-846).	§265.93(d)(4)
		\$270.14(c)(4)
• :	failure to perform analysis in the field on	§265.90(a)
	unstable parameters or constituents (e.g.,	\$265.92(a)
	pH, Eh, specific conductance, alkalinity,	\$265.93(d)(4)
	dissolved oxygen).	\$270.14(c)(4)

Examples of Basic Elements Required by Performance Standards	Examples of Technical Inadequacies that may Constitute Violations	Regulatory Citations
7. Samples from background and downgradient wells must be properly collected	 use of sample containers that may interfere with sample quality (e.g., synthetic containers used with volatile samples). 	\$265.90(a) \$265.92(a) \$265.93(d)(4) \$270.14(c)(4)
and analyzed. (Continued)	failure to make proper use of sample blanks.	§265.90(a) §265.92(a) §265.93(d)(4) §270.14(c)(4)

ER-WM-302: Rev. 12/88

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF WASTE MANAGEMENT

EPA 18473

HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - PART A

Location 300 MERKEL RD. CILBERTS VILLE PA. 19525 County MONT CONERY Municipality DOUCLASS TWP. Identification number PAD 0486 03005 Name of responsible official WARREL FRANE Title Mailing Address Area code and telephone number Name of person interviewed Title Mailing address (if different from above) Area code and telephone number (215) 458 - 5300 1. Site characterization: a. Streatment - Surface impoundments Schemical Sphysical Surface impoundments was c. Disposal - Containers Canadial Canadill Concerning Canadial Canadia Canad	
Company, installation name ROTERTOWN LANDFILL Location 300 MERKEL RD. CILBERTS VILLE PA. 19525 County MONT CONERY Municipality DOUCLASS TWP. Identification number PAD 048603005 Name of responsible official WARRELL FRANE Title Mailing Address Hame of person interviewed Hame of person interviewed Hame of person interviewed Hame of person interviewed Hame code and telephone number (215) 458-5300 1. Site characterization: a. Site characterization: a. Site characterization: b. Storage - Containers Canada Surface impoundments Managery Containers Hamks Surface impoundments Was Containers Hamks Surface impoundments Hamps	
Location 300 MERKEL RD. CILBERTS VILLE PA. 19525 County MONT CONERY Municipality DOUGLASS TWP. Identification number PAD 048603005 Name of responsible official WARREH FRANE Title Mailing Address Area code and telephone number Name of person interviewed Title Wailing address (if different from above) Area code and telephone number (215) 458 - 5300 1. Site characterization: a. Streatment - Surface impoundments Schemical Sphysical Surface impoundments was c. Disposal - Containers Canadial Canadill Cincineration Canadian	
Municipality DOCASS 1 W. Identification number PAD 048603005 Name of responsible official WARREL FRANK Title Mailing Address 1 Area code and telephone number 1 Mailing address (if different from above) 4 Area code and telephone number 2 Area code and telephone number 2 I. Site characterization: a. STreatment - Surface impoundments Schemical Sphysical Sololob. Storage - Containers 1 b. Storage - Containers 1 c. Disposal - I land treatment I landfill I incineration 1 there are code I reuse 1 Does the facility generate hazardous waste? Yes No	
Name of responsible official WARREL FRANE Title Mailing Address Area code and telephone number Name of person interviewed Title Mailing address (if different from above) Area code and telephone number Q15 458 - 5306 1. Site characterization: a. A Treatment - Surface impoundments A chemical A physical A biology by the surface impoundments A surface impound	
Mailing Address	
Mailing Address	
Mailing Address	
Name of person interviewed Title Mailing address (if different from above) Area code and telephone number (215) 458-5306 1. Site characterization: a. Treatment - Surface impoundments	
Name of person interviewed	
Title	
Mailing address (if different from above) Area code and telephone number (215) 458-5306 1. Site characterization: a. ★ Treatment - ★ surface impoundments ★ chemical ★ physical ★ biologous b. ★ Storage - ★ containers ★ tanks ★ surface impoundments ★ was c. ★ Disposal - ★ land treatment ★ landfill ★ incineration ★ treatment d. ★ Use ★ reuse ★ recycle ★ reclaim 2. Does the facility generate hazardous waste? ★ Yes ★ No	
1. Site characterization: a. ☑ Treatment - ☑ surface impoundments ☑ chemical ☑ physical ☑ biologous in the surface impoundments ☐ was ☐ c. ☐ Disposal - ☐ land treatment ☐ landfill ☐ incineration ☐ the surface ☐ treatment ☐ landfill ☐ recycle ☐ reclaim 2. Does the facility generate hazardous waste? ☑ Yes ☐ No	
a. ☑ Treatment - ☑ surface impoundments ☑ chemical ☑ physical ☑ biologous in the property of	
a. ☑ Treatment - ☑ surface impoundments ☑ chemical ☑ physical ☑ biologous in the property of	
b. ☐ Storage - ☐ containers ☐ tanks ☑ surface impoundments ☐ was c. ☐ Disposal - ☐ land treatment ☐ landfill ☐ incineration ☐ there are a d. ☐ Use ☐ reuse ☐ recycle ☐ reclaim 2. Does the facility generate hazardous waste? ☑ Yes ☐ No	ogical
c. Disposal - land treatment landfill incineration there are d. Use reuse recycle reclaim 2. Does the facility generate hazardous waste? Yes No	te piles
2. Does the facility generate hazardous waste? Yes No	mal tment
2. Does the facility generate hazardous waste? ☐ Yes ☐ No	
BY DEFINITION	
3. Types of hazardous waste produced by Hazardous Waste Number:	
A so barardous wastes transported off-site by the facility? ☐ Yes ☑ No	

COHOUCTED A COMPLIANCE-MONITORING-EUALUATION
INSPECTION, CME

ER-WM-302; Rev. 11/93 Part B

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF WASTE MANAGEMENT

HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - PART B

Site Name	BOYERTOWN	ID Number <u>PAD 048603005</u> Date <u>7-26-94</u>	_
	LANDFILL	Hazardous Waste Inspection Report	

Hazardous Waste Inspection Report

	CTA	TIS	1-N	CHAPTER	LINE	
STATUS 1 2 3 4		REQUIREMENT		MOITATION	NUMBERS	
_	×			Part A permit application submitted	265.1(b) 265.431(a)	Н200
_ Y		+-	 	Identification number	265.11	H201
_	X	 		Wastes accepted at facility transported by haulers licensed by DER to transport hazardous waste	265.11(a)	H202
	ħ	-		Waste streams not covered by permit approved by DER before acceptance	265.13(a)	H203
	H	t^-	T	Chemical and physical analysis repeated as required	265.13(a)(1-3)	H204
_	††	+	\vdash	All waste shipments inspected and analyzed when necessary	265.13(b)	H205
	$\dagger \dagger$	+-	1-	Waste analysis plan on-site	265.13(c)	H206
	╁╁	+-	╁╌	24 hr. surveillance at active portion	265.14(b)(1)	H207
_	$\dagger \dagger$	╁╌	╁╌	Artificial barrier around active portion	265.14(b)(2)	H208
_	╁╂	+-	+	Proper signs posted at each entrance, minimum 4 inch lettering	265.14(c)	H209
_	╁╁	╁	+	Facility inspection schedule on-site	265.15(b)(1)	H210
	\prod	1.	╁	Maintenance schedule onsite for equipment or structures which reveal deterioration or malfunction	265.15(d)	H211
	\prod	1-	1.	Immediate remedial action taken where a hazard is imminent or has already occurred	265.15(d)	H212
	\parallel	+-	†	Approved on the job or classroom personnel training program implemented	265.16	H213
	11	†	1	Records retained for each employee at facility of training, job title, and job description	265.16(f);(g)	H214
	\parallel	 - 	+	Ignitable or reactive wastes separated from source of ignition or reaction	265.17(a)	H215
	\parallel	1	+	No smoking signs displayed where there are hazards from ignitable or reactive wastes	265.17(a)	H216
_	#		+-	Treatment, storage, disposal of ignitable or reactive wastes or mixing of incompatible wastes or materials conducted according to requirements		H217
	1			Facility maintained/operated to minimize possibility of fire, explosion, or discharge of hazardous waste or hazardous constituents	265.31	H218

Hazardous Waste Inspection Report TSD Facilities - Part B

4-Non-Compliance

3-Not-Determined 2-Not-Applicable 1-No Violation Observed LINE CHAPTER **STATUS** REQUIREMENT NUMBERS CITATION 2 3 4 H219 265.32(1) Facility equipped with internal alarm capable of providing immediate emergency instruction to personnel H220 265.32(2) Device for summoning outside emergency assistance available at scene of operations H221 265.32(3) Facility equipped with fire control, spill control, and decontamination equipment H222 265.32(4) Facility equipped with water at adequate volume and pressure to supply fire control equipment H223 Facility communications or alarm systems, fire control, spill control, 265.33 and decontamination equipment tested and maintained Adequate aisle space maintained to allow unobstructed movement H224 265.35 of personnel and equipment during emergencies H225 265.51(a) Contingency plan onsite and implemented H226 Contingency plan describes action taken by personnel in the event of 265.52(a) an emergency H227 Contingency plan describes arrangements agreed to for outside 265.52(c) emergency services such as police and fire department, hospitals, contractors, etc. H228 Contingency plan contains an up-to-date list of names, addresses and 265.52(d) phone numbers of all persons qualified to act as emergency coordinator. H229 Contingency plan contains list of emergency equipment including 265.52(e) location, physical description and capabilities of each item H230 Contingency plan contains an evacuation plan if there is a possibility 265.52(f) that evacuation could be necessary H231 Emergency coordinator designated and on the premises or on call 265.55 H232 265.71(a) Facility accepting only PA manifests H233 265.71(b)(c) Manifest properly completed and routed within time limits H234 Manifest discrepancies resolved or reported within time limits 265.72(b) H235 265.73(a). Written operating record maintained on the premises H236 Written operating record contains description and quantity of 265.73(b)(1) wastes and method of treatment, storage or disposal H237 Written operating record contains location and quantity of each 265.73(b)(2) hazardous waste Written operating record contains results of waste analyses and H238 265.73(b)(3) treatability tests H239 Written operating record contains reports and details of all incidents 265.73(b)(4) H240 Written operating record contains records and results of all 265.73(b)(5) inspections H241 Written operating record contains required monitoring, testing, and 265.73(b)(6) analytical data

Hazardous Waste Inspection Report TSD Facilities - Part B

4-Non-Compliance 3-Not-Determined 1-No Violation Observed 2-Not-Applicable LINE CHAPTER STATUS REQUIREMENT NUMBERS **CITATION** 2 3 4 1 H242 Written operating record contains closure and post-closure cost 265.73(b)(7) H243 All records retained on premises and available for inspection 265.74(a) H244 265.75(a) Quarterly reports submitted to DER H245 Emissions, discharges, fires, explosions, and groundwater 265.77(a) contamination reported as required H246 Groundwater monitoring wells located at approved sites 265.90(b) Approved groundwater sampling and analysis plan developed and H247 265.92(a) implemented H248 265.91(d) . Adequate protection for groundwater monitoring wells Groundwater quality assessment and abatement outline on the H249 265.93(a) premises H250 265.112(a) Closure plan on the premises and up-to-date H251 265.118(a) Post-closure plan on the premises and up-to-date H252 265.142(a) Annual closure cost estimate on the premises and up-to-date H253 Annual post-closure cost estimate on the premises and up-to-date 265,144(a)

HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - SURFACE IMPOUNDMENTS

Site Name	BOYERTOWN	ID Number	PAD 048603005	Date	7-26-94
	LANDFILL				

1-No Violation Observed 2-Not-Applicable 3-Not-Determined 4-Non-Compliance

STATUS 1 2 3 4		;		CHAPTER	LINE	
		4	REQUIREMENT	MOITATED	NUMBER	
<u> </u>			Surface impoundment managed to maintain at least 60 cm (2ft.) of freeboard		265.222	Н366
X				Protective cover on earthen dikes, such as suitable vegetation, rock rip²rap or non-erodible material to minimize wind and water erosion	265.223	Н367
	X			Waste analysis and/or trial tests conducted when hazardous wastes substantially different from wastes previously treated or stored, or when hazardous waste is chemically treated with a substantially different process than any previously used in that impoundment	265.225(a)	H368
Υ				Freeboard level inspected once each operating day	265.226(1)	Н369
X				Surface impoundment, including dikes and vegetation surrounding the dike, inspected once each week	265.226(2)	Н370 . л.
	X			Placement of ignitable or reactive waste only with Department's approval	265.229	H371
	X			Precautions taken for handling ignitable, reactive or incompatible material	265.230	H372
	X			Closure and post-closure requirements complied with	265.228(a-c)	H373

ER-WM-129: rev. 12/93

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Commonwealth of Pennsylvania Department, of Environmental Resources Bureau of Waste Management INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94 Identification Number PAD 048603005

Company/Facility/Site Name Boyertown Landfill

Conducted a hazardous waste <u>compliance-monitoring-evaluation (CME)</u> inspection of this closed landfill. Onsite with Warren Frame, president.

Boyertown Landfill is a <u>closed</u> Municipal Waste landfill. At one time this facility accepted <u>hazardous</u> waste from area companies. As a result the EPA designated this facility as a Hazardous waste landfill, and assigned this site a generator's identification number (above).

This "hazardous" designation has required the facility to treat its leachate prior to discharge to the local sewage treatment plant. (Discharge is sent to the Berks/Montgomery Municipal Authority)

The discovery of groundwater contamination has caused the landfill to undergo an extended closure period. This entails ongoing groundwater monitoring until the Department deems appropriate.

Boyertown Landfill has discontinued its quarterly well sampling. In addition, the facility has <u>not</u> conducted the required CME sampling event, for 1994. Not performing this sampling event is in violation of

(Line H247) 25 Pa Code 265.92(a)

Observed during the inspection were Monitoring Wells no. 1 and no. 9 with no locks on their caps. Also, Monitoring Well no. 10 was not visibly numbered, making field identification impossible. These conditions are in violation of

(Line H249) 25 Pa Code 265.91(d)

It should be noted that the lack of cap locks and well numbering are repeat violations, first cited on the inspection report of 7/30/93.

·	
This inspection report is notice of the findings of an inspection Department. This report is formal notification of any violations observed dur violations may be issued concerning either violations noted herein, or other v laboratory analyses or Department records. This report does not constitute an order or other appealable action herein shall be deemed to grant or imply immunity from legal action for any violations by the person interviewed does not necessarily imply constitute.	ring the inspection. Additional notification of violations identified as a result of review of ion of the Department. Nothing contained olation noted herein. Oncurrence with the findings on this report,
but does acknowledge that the person was shown the report or that a copy was l	eft with the person.
Person interviewed (signature)	Date
Inspector (signature)	Date 7-24-94 Page of

Commonwealth of Pennsylvania

Department of Environmental Resources

Bureau of Waste Management
INSPECTION REPORT COMMENTS

Date of Inspection 7-26-94	Identification Number	PAD 048603005
Company/Facility/Site Name I	Boyertown Landfill	

In conclusion, it is highly recommended that this facility return to compliance with Departmental Regulations by

- 1. Providing locks and visible numbering for those wells that lack these items.
- 2. Resume, <u>immediately</u>, groundwater sampling according to the Department's requirements. This means completing the annual CME sampling event.

These actions should be completed by September 30, 1994.

Two violations observed. A notice-of-violation will be issued.

This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein.

Signature by the person interviewed does not necessarily imply concurrence with the findings on this report,

but does acknowledge that the person was shown the report or that a copy was left with the person.

Person interviewed (signature)	Copy mailed to faility	Date
Inspector (signature)	J. 24.	Date 7-21-94 Page of

This inspection report is notice of the findings of an inspection conducted by a representative of the Department. This report is formal notification of any violations observed during the inspection. Additional notification of violations may be issued concerning either violations noted herein, or other violations identified as a result of review of laboratory analyses or Department records.

HARARDOUS WASTE INSPECTION 1 ORT

Generators - Part A

Date of inspection //// Time start Time finish
Name of Inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO. INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County Monthomery Municipality Douglass Two
Identification number PADO48603005
Name of responsible official MR WARREN FRAME
Title OWNER
Mailing address PO Box 360, RDI GLENMORE, PA. Area code and phone of C. T.
Area code and phone no. (215) 458 - 5274
Name of person interviewed
Title
Mailing address (if different from above) 300 MERKEL RD GILBERTSVILLE, PA
Area code and phone no. (215) 367-7 DECETIVED
1. Current waste handling method:
a. 以 On-site 以 treatment, 以 storagpiv 可知识如此如此
b. On-site use, reuse, recycle, reclaim
c.
d Off-site use, recycle, reclaim
2. Amount of hazardous waste produced:
akg./no.
bkg./yr.
3. Types of hazardous
LEACHATE FROM LANDFILL WHERE HAZAR DOUS SLUBGE

Are hazardous wastes transported off-site by the generator? Yes 💢 No

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDENTIFICATION NUMBER (17)				INSPECTION DATE (9-	-14)	INSPECTORS SOC. SE	c. No.	(16-
100,50				1 1/9/83		**************************************		
NA	ME OF DISPOSAL FACILITY			FACILITY ADDRESS				Partie Street
	or The Alex	X//		3000 M/ 6	1	0 HV		
MU	NICIPALITY			COUNTY		1 1 1 1 1		
!	1.00 BAITS	((Montejano	<i>l</i> .			
FAC	CILITY PROPRIETOR (NAME	, ADDRESS, AND	TELEPHONE NUMBER)		i			
1.19	I i . (M) o ()	1 VI			. :			
DAI	LY VOLUME RECEIVED		ANNUAL REPORT RECE	IVED	DAYS	PER WEEK		44.44
			Y 20		OPER.	ATED		
		1 — Com	pliance, 2 – Non-Complianc	e, 3 — Not applicable				
	CHAPTER CITATION						1	2
26	75.21(m)(3)	Suitable barrier	blocks access to site when at	tendant is not present.		 		
27	75.21(s)	1	buffer zone present	····			1.	Γ
28	75.21(I)(1), (2), (3)	Adequate fire ed	quipment or procedure for m	inimizing fire hazard				
29	75.21(q)	Approved opera	tional safety program being u	tilized				⇈
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly						
31	75.21(m)(2)	Hours of operat	Hours of operation prominently posted					T
32	75.21(k)	Telephone or other communications available						
33	75.21(a)(1)	Salvaging occurs in accordance with regulations					1	
J 4	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)							
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift					1	
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water m	anagement administered at th	ne site	ne nike sile ilik ili da g	on Rich Silver		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approve by Papartment						,
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized						
39	75,24(c)(2)(v) & 75,38 {8}(ii)(iv)(vi)	Site access road	s are negotiable by loaded co	Div of chazardo	our Wa	sto d		
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	g and terracing in accord with	regulations	·			, ,
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 11(8)(ii)	Fire breaks				X.	<u> </u>	

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INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

_			transport to 🗗 🖰 a
	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	,
	75.24(b)(4)(i), 75.37(k)(6), & 75.38 H(8)(i)	Ground water monitoring requirements being mel	
_	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	
_	75.24(c)(2)(x)	Approved subbase being utilized	
	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	
_	75.25(h)	Lined site, under drains operable	
_	75.25(i)	Are liners in place and covered with protective earth	7
_	75.25(o)(3)	Lined site, daily record of leachate flow maintained	十
_	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	— <u>*</u>
_	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	/
_	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	Ì
	75.26(q)	At lined sites, is all waste deposited on lined areas	
	75.26(f)	Regulation ban on open burning adhered to	Ť
_	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	
_	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	. (
_	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	
	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	→
_	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	75.26(i)	Working face area confined to size suitable for daily coverkcompaction	- `
_	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	
	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	
_	75.26(j), (k)	Blowing litter controlled Div. of Hezardous VV(IST)	\neg
_	75.26(c)	Provision for standby equipment available when needed	┪
	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	+
	Chapter 101(9)(e)(2)	Is bonding status correct	_

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. ER -SWM-1B,2B,3B	COMMONWEALTH OF PENNSYLVANIA
7 124 7 30	DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT
Minthey mary	INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES
the same and a same agreement the same and same	COMMENTS: (30) FORM NO. 10, 11, 8/12
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and the contract	Construct thouse pipes wining the
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Department of Environmental Resources Representative

Displatifications Waste

INSPECTION REPORT

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and the	COMME FORM NO. 10	NTS: (),)11, & 12	1
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Department of Environmental Resources F	Representative	Operator	

COMMONWEAL	H OF PENNSYLVANIA
DEPARTMENT OF EN	VIRONMENTAL RESOURCES ID WASTE MANAGEMENT
SANITARY LANDI	CTION REPORT FILL, INDUSTRIAL SITES FLYASH SITES, SLAG SITES
COM	MENTS: 1
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Department of Environmental Resources Regresentative	Operator

1) The Annuly	INSPECTION REPOR SANITARY LANDFILL, INDUSTR DEMOLITION SITES, FLYASH SITE	T RIAL SITES Es, slag sites
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. This IN Copy to a	Alguale.	DISPOSAL FACILITY (COMMENT)
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To the state of the	April Land	SEP 9 1968
Department of Environmental Resources Repre	signtative Operat	DIV. of Magripus Warts

HAZARDOUS WASTE INSPECTION REPORT Generators - Part λ

Q-1283

Date of inspection 9/2/83 Time start Time finish
Name of inspector THOMAS SHEEHAN
company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County Manthamery Municipality Doublass Two
Identification number PADO48603005
Name of responsible official MR WARREN FRAME
Title OWNER
Mailing address PO BOX 360 RD GLENMORE, PA.
Area code and phone no. $(2.15) 458 - 5274$
'Name of person interviewed
Title
Mailing address (if different from above) 300 MERKEL RD GILBERTSVILLE,
Area code and phone no. (215) 367-7524
1. Current waste handling method:
a. 黛 On-site 奠 treatment, 黛 storage, ጠ disposal
b. // On-site // use, // reuse, // recycle, // reclaim
c. 💢 Off-site 💢 treatment, 🗍 storage, 🗍 disposal
d Off-site use, reuse, recycle, reclaim
2. Amount of hazardous waste produced:
kg./10.
b. kg-/yr. Cin. Cill. 1971.
3. Types of hazardous waste produced by Hazardous Waste Humber: LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE

Are hazardous wastes transported off-site by the generator? [] Yes 💢 No

LANDFILLED.

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDE	NTIFICATION NUMBER (1-	-7)	INSPECTION DATE	(9-14)	INSPECTORS SOC. S	EC. NO	. (16-
	100550		9/3/3		The second system	•	. ,
NAI	ME OF DISPOSAL FACILITY		FACILITY ADDRE	SS	<u> </u>		
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MUI	NICIPALITY		COUNTY	مين ميكونية المحمد المحمد	A CASSAGE AND A SECOND AND A SECOND ASSESSMENT AND A SECOND ASSESSMENT ASSESS		
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FAC	ILITY PROPRIETOR (NAMI	, ADDRESS, AND TELEPHONE NUME	BER) / / / / / / / / / / / / / / / / / / /	()			14574 ·
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DAI	LY VOLUME RECEIVED	ANNUAL REPORT	RECEIVED	DAYS	PER WEEK		avgam - art. 3e. s
		100		OPERA	ATED		
		1 – Compliance, 2 – Non-Con	npliance, 3 — Not applicable		***************************************		
·—-	CHAPTER CITATION					1	2
26	75.21(m)(3)	Suitable barrier blocks access to site w	hen attendant is not present.		·		1
27	75.21(s)	25' setback line buffer zone present			· · · · · · · · · · · · · · · · · · ·	\neg	1
28	75.21(I)(1), (2), (3)	Adequate fire equipment or procedure	for minimizing fire hazard				1
29	75.21(q)	Approved operational safety program I	being utilized				1
30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly					
31	75.21(m)(2)	Hours of operation prominently posted				+	\vdash
32	75.21(k)	Telephone or other communications av	railable				╁╌┤
33	75.21(o)(1)	Salvaging occurs in accordance with re	gulations			-	
النا	75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided					,о. Р
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 (8)(viii)	Final minimum uniform two foot layer	r of compacted cover materia	l placed on s	urface of final lift		0 4
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site					1
37 、	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or	as approved by Department		A COMP		
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)						
39	75,24(c)(2)(v) & Site access roads are negotiable by loaded collection vehicles 75,38 (1(8)(ii)(iv)(vi)						
40 .	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accor	d with regulations	. • *			, ,
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks		-		7	

Chapter 101(9)(e)(2)

66

Is bonding status correct

CL.....ONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

FORM NO. 10 1 - Compliance, 2 - Non-Compliance, 3 - Not applicable **CHAPTER CITATION** 1 2 75,24(c)(2)(xxiv), 75.37(k) Gas management & 75.38 11(6) 42 75.24(b)(4)(i), 75.37(k)(6), Ground water monitoring requirements being met & 75.38 H(8)(i) 43 75.24(c)(2)(xi), 75.37(k). Approved cover material being utilized & 75.38 II(8)(ii) 75.24(c)(2)(x) Approved subbase being utilized 45 75.24(c)(2)(xvi), 75.37(k) Proper barriers being maintained & 75.38 (1(8)(iv) 75.25(h) Lined site, under drains operable 75.25(i) Are liners in place and covered with protective earth 48 75.25(o)(3) Lined site, daily record of leachate flow maintained 49 75.26(a) & 75.37(g) Leachate treatment facilities being operated properly 50 75.26(o), 75.37(g), Erosion controlled on site, diversion ditches as required 75.38 II(8)(viii) 51 75.26(b), 75.37(k)(2), (3), Solid waste spread and compacted in layers not exceeding two feet deep 75.38 H(8)(ii) 52 75.26(q) At lined sites, is all waste deposited on lined areas 53 75.26(f) Regulation ban on open burning adhered to 54 75.26(d) & 75.38 II(8)(vi) Bulky waste properly controlled À, 75.26(1) & 75.38 11(8)(vii) Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end 75,26(s) Hazardous wastes & sludges stored and/or disposed with written Departmental approval 75.26(n) Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts 58 75.26(d) & 75.38 II(8)(iv) Unloading area restricted to proximity of the working face 59 75.26(i) Working face area confined to size suitable for daily cover/compaction GO 75.26(q), 75.37(k), (s) & Operation in accordance with approved plans 75.38 II(8)(x) 61 75.26(g), (h) & Dust controlled at site St.P 75.38 II(8)(vi) 11.5 62 1 6 75.26(j), (k) Blowing litter controlled 63 Provision for standby equipment available when needed 64 75.26(c) 75.26(o), (p), 75.37(j), 75.38 II(8)(ix) Has vegetative growth been established to prevent soil erosion on disturbed areas 65

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_	n	-24	AIAI.	. 10	.20	.38

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES

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A second	COMMENTS FORM NO. 10, 11,		1.	A .
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and the adequal	John Men	A Sto	and y to	es experience
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Department of Environmental Resources Repr	esentative	Operator	• =	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

- PAD 048603005 DATE: 9/20/83 SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co. Sulbertuille, Pa. - PAD 048

FROM:

Gregory Koltonuk

Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul

Enforcement Section (3AW22) Chief, Waste

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

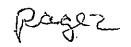
INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

OUS WASTE INSPECTION REPORT SD Facilities - Part. A Pagl
Date of inspection 7/20/83 Time start 53 AM Time finish
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL Co., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PAD048603005
Name of responsible official MR. WARREN FRAME
Title Gran.
Mailing address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
The state of the s
Title VICE - PRES.
Mailing address (if different from above) 300 MERKEL RD GILBERTS VILLE, PA
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA. Area code and phone no. (215) 367-7524
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA. Area code and phone no. (215) 367-7524
Mailing address (if different from above) 300 MERKEL RD GILBERTS VILLE, PA
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, FA. Area code and phone no. (215) 367-7524
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, M. Area code and phone no. (215) 367-7524 1. Site characterization: - - - Treatment - - - - - - - - - - - - -
Mailing address (if different from above) 300 MERKEL RD GILBERTSVILLE, A. Area code and phone no. (215) 367-7524 1. Site characterization: . . Treatment - [] surface impoundments, [] chemical, [] physical, [] biological b. Storage - [] containers, [] tanks, [] surface impoundments, [] waste piles
Mailing address (if different from above) 300 MERKEL RD GILBERTSVILLE, A. Area code and phone no. (215) 367-7524 1. Site characterization: . . Treatment - [] surface impoundments, [] chemical, [] physical, [] biological b. Storage - [] containers, [] tanks, [] surface impoundments, [] waste piles
Title VICE - PRFS. Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, M. Area code and phone no. (215) 367-7524 1. Site characterization: 「Treatment - [] surface impoundments, [] chemical, [] physical, [] biological b.
Hailing address (if different from above) 300 MERKEL RD, GILBERTS VILLE, M. Area code and phone no. (215) 367-7524 1. Site characterization: Treatment - [] surface impoundments, [] chemical, [] physical, [] biological b. Storage - [] containers, [] tanks, surface impoundments, [] waste piles c. Disposal - [] land treatment, landfill, [] incineration, [] thermal treat d. Use, [] reuse, [] recycle, [] reclaim 2. Does the facility generate hazardous wastes? Yes [] No 3. Types of hazardous waste produced by Hazardous waste Numbers.
Hailing address (if different from above) 300 MERKEL RD, GILBERTS VILLE, M. Area code and phone no. (215) 367-7524 1. Site characterization: .
Title VICE PRES. Mailing address (if different from above) 300 MERKEL RD, GILBERTS VILLE, D. Area code and phone no. (215) 367-7524 1. Site characterization: .
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, D. Area code and phone no. (215) 367-7524 1. Site characterization: Treatment -

HAZARDOUS WASTE INSPECTION REPORT TSD FACILITIES - PAI General p.l



<u> </u>	<u>.</u>			1- NON-COMPLIANCE, Z-COMPLIANCE, 3-NOT APPLICABLE, 4-NOT DETERMINED	
CON				The same and the s	CHAPTER
S	TAT	20 3		REQUIREMENT	75.265
	X	<u>. </u>		Part A permit application submitted	(a) (2),(
	$ \mathbf{x} $			Identification number •	(p).
	X			Wastes accepted at facility transported by haulers licensed to transport hazardous waste by the Department	(b) (l)
	X			Waste streams not covered by permit approved by the Department before accept	ince (c
	X		·	Chemical and physical analyses repeated as required	(c)(l)
		X		All waste shipments inspected and sampled	(c)(2)
	X			Waste analysis plan on-site	(c) (3)
L	لــــ			24 hr. surveillance at active portion .	(d) (2)
	X	<u>.</u>		Artificial barrier at active portion	(d) (2)
	X			Proper signs posted and legible at a distance of at least 25 ft.	(d) (3)
			X	Inspection schedule on-site	(e) (2)
			X	······································	(e) (4)
	Χ			Immediate remedial action taken where a hazard is imminent or has already occurred	(e)(4)
	X			On the job or classroom personnel training program	(f)
	X.			Records retained for each employee at facility of training, job title, and job description	(£) (6)
]		X		Ignitable or reactive wastes separated from source of ignition or reaction.	(g)(l)
		X		No smoking signs displayed where there are hazards from ignitable or reactive wastes	(g) (L)
		X		Treatment, storage, disposal of ignitable or reactive wastes or mixing of incompatible wastes or materials conducted according to requirements	(g) (2)
	<u>X</u>			Facility equipped with internal alarm system capable of providing immediate emergency instruction to personnel	(h) (2)
	X	.		Facility equipped with a device for summoning outside emergency assistance	(h) (2)
	<u>火</u>			Facility equipped with fire control, spill control, and decontamination equipment	(h) (2)
	X	_		racility equipped with water at adequate volume and pressure to supply fire control equipment	(h) (2)
	X	_		Facility communications or alarm systems, fire control, spill control, and decontamination equipment tested and maintained.	(h) (3)
		X		Adequate aisle space maintained to allow unobstructed movement of personnel and equipment during emergencies	(h) (6)
	不	_		Contingency plan on-site and implemented	(i)(l)
-	X			Contingency plan describes action taken by personnel in the event of an emergency	(i)(3)
ł	V	į	1	Contingency plan describes arrangements agreed to for outside emergency	İ

l	• ,			V.	
				1- NON-COMPLIANCE, Z-COMPLIANCE, 3-NOT APPLICABLE, 4-NOT DETENTIMED	· ·
	MFI STA			REQUIREMENT	CHAPTE CITATE 75.26
	<u>~</u>	<u>~</u> .	•	Contingency plan contains an up-to-date list of names, addresses and phone numbers of all persons qualified to act as emergency coordinator.	(1)(6)
	X			Contingency plan contains list of emergency equipment including location, physical description and capabilities of each item	(i) (7)
	X			Contingency plan contains an evacuation plan if there is a possibility that evacuation could be necessary	(i)(8)
	X			One employee designated as the primary emergency coordinator either on the premises or on call.	(i)(ll
	X			Pacility accepting only PA manifests	(j)
	X	·		Manifests properly completed and routed within time limits (24 hrs.)	(j)(2,)
	X		•	Manifest discrepancies resolved or reported within time limits	(j) (10
<u> </u>	X,			Written operating record maintained on the premises	(k)
	ĻΧ		_	Written operating record contains description and quantity of wastes and method of treatment, storage or disposal	(k) (2)
		X	{	Written operating record contains location and quantity of each hazardous waste	(k) (2)
	X			Written operating record contains results of waste analyses and treatability tests	(k) (2)
	_			Written operating record contains reports and details of all incidents	(k) (2)
		这	Χ		(k) (2)
	X			Written operating record contains required monitoring, testing, and analytical data	(k) (2)
X)	<u>. </u>		Written operating record contains closure and post-closure cost estimates	(k) (2)
	l./			All records retained on premises and available for inspection	(1)
	X			Quarterly reports submitted to the Department	(m)
	X			Emissions, discharges, fires, explosions, and groundwater contamination reported as required	(m) (2)
	Х	ا 		Croundwater monitoring wells located at approved sites	(n) (2)
	X			Adequate protection of groundwater monitoring wells	(n) (7)
	X			Groundwater sampling and analysis plan on the remission of the control of the con	(n) (8)
	X			Groundwater quality assessment and abatement doctine on the prehists	(n) (14)
N N)	_		Chosure plan on the premises and up-to-date	(o) (2)
及及逐	<u>}_</u>	_		Post-closure plan on the premises and up-to-dation. 64 Mazardous Waste	(0) (1,0
		-	-	Annual closure cost estimate on the premises and up-to-date	(p) (2)
X	-		-	Annual post-closure cost estimate on the premises and up-to-date	(p) (5)·

TREATMENT, STORAGE, DISPOSAL FACILITIES - LANDFILLS

75.265

Pagey

	75.265	
·	1- NON-COMPLIANCE, Z-COMPLIANCE, 3-NOT APPLICABLE, 4-NOT DETERMINED	
MPULNCE STATUS. Z 3 4	REQUIREMENT	CIT.
x	Run-on diverted away from the facility	(v) (
\	Run-off collected from the active portions	(**) [
	Run-off collected from the active portions and managed as a harardous waste	(1) (
' 	Facility is managed to prevent wind dispersal of hazardous waste. The exact location and dimension, including depth of each cell with respect	(v)
_X _	to permanently surveyed penchmarks kept on a mar in the operating years	(v) (
X	The contents of each cell and the approximate location of each hazardous waste type within each cell kept in the operating record.	(v) (
	Closure and post-closure requirements are complied with.	(v) (
<u> </u>	Ignitable and reactive wastes disposed of with Department approval.	(v) (
x	Precautions taken for the disposal of incompatible wastes and materials	
X	Hazardous wastes disposed contains greater than 20% college.	(v) (
┷╫╼╂╼╌┞	wording and are non-riowable and do not contain free liquid.	(v) (
	written approval from the Department to dispose of hazardous wastes	i
X	Written approval from the Department to dispose of hazardous wastes containing less than 20% solids content by dry weight and are flowable until November 18, 1981	(v) (
X	until November 18, 1981	(v) (
_X X	until November 18, 1981 Hazardous waste co-disposed with municipal waste with Department approval	
_ X X X	until November 18, 1981	(v)
X X X	until November 18, 1981 Hazardous waste co-disposed with municipal waste with Department approval Empty containers crushed flat, shredded, or similarly reduced in volume	(v)
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ER-SWM-1:5/79

DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

Carry Carry

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

IDENTIFICATION NUMBER (1	1 INSPECTION DATE (9-14) INSPECTORS SOC. SEC.	NO.	16	24)
1/00530	<u>。 </u>	~)		
NAME OF DISPOSAL FACILIT) FACILITY ADDRESS	<u>- </u>		
Bergiostourn La	wallell in 300 Mr. Ve V. R. V. Heelen	Sit.	: /	,,
MUNICIPALITY	COUNTY	Α. (,		
A LANGET	第三位。1800年11日本 1800年11日本 1	,		
FACILITY PROPRIETOR (NAM	E, ADDRESS, AND TELEPHONE NUMBER)			
Mrs. (ninvael)	Tillen V. President of the State of the stat			
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK	i i		
	OPERATED	1.	}; <u>.</u>	-
William Barrer	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable, 30,000.	\mathbb{R}^{t_1}	ا ئىدا	. n.št.
CHAPTER CITATION	(中心的) (4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	1'	2.	, 3
26 - 75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present. The suitable barrier blocks access to site when attendant is not present.	х	,,	\neg
27 (75.21(s)	25' setback line buffer zone present Land to the control of the co	[_x ,		
¹ 28 75.21(I)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard and the second	為	. 3,	٠,٠
29 75.21(q)	Approved operational safety program being utilized நடிக்கு குறிய முற்ற நடிக்கும். அது முற்ற முற்ற முற்ற முற்ற முற்ற முற்ற முறிய முற்ற முற	X		
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required:		í.X	`\\`
31 75.21 (m) (2)	Hours of operation prominently posted	V.		<u></u>
32 ; 75.21 (k)	Telephone or other communications evallable 企业方式 多加 发生的 大学	〕		16.3
33 . 75.21(o)(1)	Salvaging occurs in accordance with regulations and the salvage of	· (2)	gga	17.7. 12.25
5.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	透	號	施の場
75.24(c)(2)(xxi), 75.37(j) & 75.38 (8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			1
75.24(c)(2)(i), 75.37(e) & 75.38 (i(8)(viii)	Surface water management administered at the site	高級語	جد	τ'
75.24(e)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Dopartment		×	·
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized (浅	 ,,	
75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vI)	Site access roads are negotiable by loaded collection vehicles	Ÿ	及	19. 15.
75.24(c) (2) (ii) (iii), 75.37(d) (1) (2) & 75.38 II (8) (viii)	Slopes, benching and terracing in accord with regulations (2) Div. Chi.	三年		
75.24(c)(2)(xvi), 75.37(k) & 75.38 (8)(i)	Fire breaks	温泉	* ,	; ; ;
Since The Control of				إلىت

ÉR-SWM-1A:5/78

CC DNWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

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INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, 8LAG SITES
FORM NO. 10

CHAPTER CITATION 1 2 3 3 75 24(q(p))(xxin, 75.37(x)) Ges management 75 24(q(p))(xxin, 75.37(x)) Ges management 75 24(q(p))(xxin, 75.37(x)) Ges management 75 24(q(p))(xxin, 75.37(x)) Ground woter moritoring requirements being met 75 34(q(p))(xxin, 75.37(x)) Approved cover material being utilized 75 34(q(p))(xxin, 75.37(x)) Approved subbres being utilized 75 34(q(p))(xxin, 75.37(x)) Proper barriers being materialned 75 24(q(p))(xxin, 75.37(x)) Proper barriers being materialned 75 25(q) Trick (10)(xxin) Proper barriers being materialned 76 25(q) Trick (10)(xxin) Proper barriers being materialned 77 25(q) Trick (10)(xxin) Proper barriers being materialned 78 25(q) Trick (10)(xxin) Proper barriers being materialned 79 25(q) Trick (10)(xxin) Proper barriers being materialned 70 25(q) Trick (10)(xxin) Proper barriers being materialned 71 25(q) Trick (10)(xxin) Proper barriers being materialned 72 25(q) Trick (10)(xxin) Proper barriers being materialned 73 25(q) Trick (10)(xxin) Proper barriers being materialned 74 25(q) Trick (10)(xxin) Proper barriers being materialned 75 25(q) Trick (10)(xxin) Prope	٠,٠		•	. 1 — Compilance, 2 — Non-Compilance, 3 — Not applicable			
75.24(c)(2)(x), 75.37(x)(x) Approved aubbase being utilized A 75.24 (c)(2)(x), 75.37(x) Approved aubbase being utilized A 75.24 (c)(2)(x), 75.37(x) Approved aubbase being utilized A 75.24 (c)(2)(x), 75.37(x) Approved aubbase being utilized A 75.25 (c)(2)(x), 75.37(x) Approved aubbase being utilized A 75.25 (c)(2)(x), 75.37(x) Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are liners in piece and covered with protective earth. Are lined site, under drains perable Are lined site, under drains perable Are lined site, liners in piece and covered with protective earth. Are lined site, liners in piece and covered with protective earth. Are lined site, and protective earth. Are lined site, and wrater of pieces are sequired Are lined site, is all waste deposited in lined areas Are lined site. Are lined site, is all waste deposited on under areas Are lined site. Are lined site, is all waste deposited on under areas Are lined area. Are			CHAPTER CITATION		1	2	3
5 75 38 ((C(1)) Approved cover material being utilized A 75 38 ((C(2)(x)), 75 37(x) Approved subbase being utilized 7 524(c)(2)(xvi), 75 37(x) Are liners in piges and covered with protective earth 7 525(c)(3) Lined site, delily record of lipschate flow malarization 7 525(c)(3) Lined site, delily record of lipschate flow malarization 7 526(c)(3) At lined site, is all waste deposited on lined areas 7 526(c) 7 526(c) 7 526(c) At lined site, is all waste deposited on lined areas 7 526(c) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	12 _	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(8)	Gas management	\		
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40 75 25(0) 4 75 37(g) Lined site, delly record of pechate flow maintained 50 75 25(0) 4 75 37(g) Leachale treatment incliffies being operated properly 51 75 35 if(6)(viii) Erosion controlled on site, diversion diffichs as required 51 75 25 if(6)(viii) Solid waste spread and compacted in leyers not exceeding two feet deep 52 75 35 if(6)(viii) Solid waste spread and compacted in leyers not exceeding two feet deep 53 75 25(q) At lined sites, is all waste deposited on lined areas 54 75 26(q) A 75 38 if(6)(vii) Bulky waste properly controlled 55 75 26(q) A 75 38 if(6)(vii) Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day 55 75 26(q) A 75 38 if(6)(vii) Intermediate uniform minimum one-foot leyer of compacted cover material placed on completed lifts 56 75 26(q) A 75 38 if(6)(vi) Unicoding area restricted to proximity of the working face 57 75 26(q) T5 37 (k), (s) A Operation in accordance with approved plane 58 75 26(q) T5 37 (k), (s) A Operation in accordance with approved plane 59 75 26(q) T5 37 (k), (s) Blowing litter controlled 60 75 26(q) T5 37 (k), (s) Blowing litter controlled 61 75 26(c) Provision for stendby equipment available when needed 63 75 26(c) (p) 75 37(l). 64 75 26(c) Provision for stendby equipment available when needed 65 75 26(c) (p) 75 37(l). 66 75 26(c) Provision for stendby equipment available when needed 66 75 26(c) (p) 75 37(l). 67 75 26(c) (p) 75 37(l). 68 75 26(c) (p) 75 37(l). 69 75 26(c) (p) 75 37(l). 60 75 26(c) (p) 75 37(l). 60 75 26(c) (p) 75 37(l). 60 75 26(c) (p) 75 37(l). 61 75 26(c) (p) 75 37(l). 62 75 26(c) (p) 75 37(l). 63 75 26(c) (p) 75 37(l). 64 75 26(c) (p) 75 37(l). 65 75 26(c) (p) 75 37(l). 66 75 26(c) (p) 75 37(l). 67 26(c) (p) 75 37(l).	. 4	, _	75.25(h)	Lined site, under drains operable			
50 75.28(a) & 75.37(g) Loschale treatment lacilities being operated property 75.29(a), 75.37(g), 75.37(g), 75.37(g), 75.39 il(g)(iii) 75.29(b), 75.37(k)(2), (3), 75.37(k)(2), (3), 75.39 il(g)(iii) 75.29(d) & 75.39 il(g)(iii) 75.29(d) & 75.38 il(g)(iv) 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.29(d) & 75.37 il(g) & Operation in accordance with approved plans 75.39 il(g) (g) & Operation in	. 4	a	75.25(I) .	Are liners in place and covered with protective earth	/		
75.28(o). 75.37(k). (2). (3). 75.28(o). 75.37(k). (2). (3). 75.28(o). 75.37(k). (2). (3). 75.28(o). 75.37(k). (2). (3). 75.28(o). At lined sites, is all waste deposited on lined areas 75.28(o). At lined sites, is all waste deposited on lined areas 75.28(o). A part of the property controlled by the property controlle	. 4	9 _	75.25(o)(3)	Lined site, delly record of pachate flow maintained	,	-7-	
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	∵ 6	8 _	Chapter 101(9)(e)(2)	is bonding status correct	x		一

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT INSPECTION REPORT DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10, 11, & 12 7-5-0-1(4)(-)(-) 1-andFill 1. -64 (1(x1) , ... c/(i)(.)6 a stacky consider a phone decrease in place in and aspaired arrives is Intellige all currie ... serve lette , ino to verilet ell. There is in the another shope to wands of Gillinter Clarked X had Kinn man wine a all the inear trional, has not been used in energy then several days. There were should be wellegungelow, come In the mik of throwny (working lay) e) Il appears that fill is stortens to got higher than interestinations A hould time terreen fright making The fruit were ale nour bunguesed. arpron kull well before marning profit Div. c7 Horoson Weste The Well Loubs (flew feel belowing on 7/14/83) persulty umpty I introduction /14/23 itendoin white work operating in 1/1/24 The we had forthaste Commence (really) had been cheposited on the morting lare prosent to 5 nm (and apter who is of 1/1/2) Department of Environmental Resources Representative CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE

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ER -SWM-18,28,3B

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co. Silbertaville Pa. - PAD 048603005 DATE: 9/30/83

FROM:

Gregory Koltonuk

Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul

Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

Ĵ	TSD Facilities - Part A
	1/1/1
Dat	te of inspection 725/83 - 758/83 Time start 9/5 Time finish
	me of inspector THOMAS SHEEHAN
Con	mpany, installation name BOYERTOWN SANITARY DISPOSAL CO., INC
Loc	cation 300 MERKEL RD; GILBERTSVILLE, PA
Cou	unty MONTGOMERY Municipality DOUGLASS TWO
lde	entification number PADO48603005
Nan	ne of responsible official MR. WARREN FRAME 1102 1903
Tit	te Come Tron
Hai	iling address P.O. Box 360, R.D.I, GLENMORE, PA.
	2 code and phone no. (215) 458-5274
Nam	ne of person interviewed M8. MICHAEL MILLER
Tit	le VICE-PRES.
Mai	ling address (if different from above) 300 MERKEL RD, GILBERTS VILLE, F.
Are	to code and phone no. (215) 367-7524
1.	Site characterization:
	a. [] Treatment - [] surface impoundments, [] chemical, [] physical, [] biologic
	b. Storage - containers, tanks, surface impoundments, waste piles
٠.	c. [Disposal -
	d
2.	Does the facility generate hazardous wastes? 💢 Yes 💹 No
3.	Types of hazardous waste produced by Hazardous Waste Humber: LEACHATE FROM' LAND FILL WHERE HAZARDOUS SLUDGE
	15 LANDFILLED
4.	Are hazardous wastes transported off-site by the facility? A Yes A No
	LEACHATE GOES TO A POTW.

WATARDOUS WASTE INSPECTION REPC

ER-SV/M-1:5/79

DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT
SANITARY LANDFILL, INDUSTRIAL SITES,
DEMOLITION SITES, FLYASH SITES, SLAG SITES
FORM NO. 10

INSPECTION DATE (9-14) INSPECTORS SOC. SEC.	NO	(16-	0411
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COUNTY	; } _G	4) 5- j *	; · ·
ADDRESS, AND TELEPHONE NUMBER)	S. gareff	z.	
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ANNUAL REPORT RECEIVED DAYS PER WEEK OPERATED	心影		
set (1 = Compliance), 2 = Non-Compliance, 3 = Not applicable			A.S.
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Suitable barrier blocks access to site when attendant is not present to the state of the state o	4 1		
25' setback line buffer zone present)	減	G. ∀7	
Adequate fire equipment or procedure for minimizing fire hazard	id A	Kar.	5 6
Approved operational safety program being utilized	X	1.0%	in the second
Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly		经营产	
Hours of operation prominently:posted	<i>", i,</i>	1	11.
Telephone or other communications available	, i,	-	
Salvaging occurs in accordance with regulations and all the sales of t	3 É	95.U	110
Operational records maintained and method of measurement provided	A Section		
Final minimum uniform two foot layer of compacted cover material placed on surface of final lift			がある。
Surface water management administered at the site		総	対策
Final slopes within 1 to 15 percent or as approved by Department.		X	1.5 对内 程序
Adequate source and type of cover material being utilized	は数人	1	10 St.
Site access roads are negotiable by loaded collection vehicles.		が変	The state of the s
Slopes, benching and terracing in accord with regulations		Name of the last	
Fire breaks	X		阿斯坦
このでは、 このでは、このでは、このでは、このでは、このでは、このでは、このでは、このでは、	ANNUAL REPORT RECEIVED ANNUAL REPORT RECEIVED DAYS PER WEEK OPERATED 21 - Compliance, 2 - Non-Compliance, 3 - Not applicable. Suitable barrier blocks access to site when attendant is not present. 25 setback line buffer zone present Adequate fire equipment or procedure for minimizing fire hazard. Approved operational safety, program being utilized. Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly Hours of operation prominently: posted Telephone or other communications available. Salvaging occurs in accordance with regulations Operational records maintained and method of measurement provided. Final minimum uniform two foot layer of compacted cover material placed on surface of final lift. Surface water management administered at the site. Final slopes within 1 to 15 percent or as approved by Department. Site access roads are negotiable by loaded collection vehicles. Site access roads are negotiable by loaded collection vehicles.	ADDRESS, AND TELEPHONE NUMBER) ANNUAL REPORT RECEIVED DAYS PER WEEK OPERATED 1 - Complianed, 2 - Non-Compliance, 3 - Not applicable 4 Suitable barrier blocks access to stre when attendant is not present. Adequate fire equipment or procedure for minimizing fire hazard. Approved ioperational safety, program being utilized at site where needed. Circle weeter program required: bird, mosquito, rodent, fly. Hours of operation prominently; posted Salvaging occurs in accordance with regulations. Salvaging occurs in accordance with regulations. Plinal minimum uniform two foot laverior compacted cover material placed on surface of final lift, Surface water management administered at the site Final slopes within 1 to 15 percent or as approved by Department; Adequate source and type of cover material being utilized. Site access roads are negotiable by loaded collection vehicles.	ANNUAL REPORT RECEIVED ANNUAL REPORT RECEIVED DAYS PER WEEK OPERATED 1 - Compliance, 12 - Non-Compliance, 3 - Not applicable 25 setback line buffer zone present: Adequate fire equipment or procedure for inhimitzing fire inazard. Approved operational safety program being utilized at sits where needed. Circle vector program required: bird, mosquito, rodent, fly Hours of operation prominently posted Telephons or other communications evallable. Salvaging occurs in accordance with regulations. Operational records maintained and method of measurement provided. Final minimum uniform two foot layer of compacted cover material placed on surface of final lift. Surface water management administered at the site. Surface water management administered at the site. Signes, benching and terracing in accord with regulations. Signes, benching and terracing in accord with regulations.

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

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75.24(c)(2)(xxiv), 75,37(k) 42 & 75.38 II(6)	Gas management	×		
75.24(b)(4)(i), 75.37(k)(6) & 75.38 II(8)(i).	Ground water monitoring requirements being met	<u>K</u>		
75.24(6)(2)(xi); 75.37(k) & 75.38 (8)()	Approved cover material being utilized	X		
45 75.24(c)(2)(x)	. Approved subbase being utilized (പുറവും പുരുത്തുകൾ എന്നുകൾ) വരുന്നു വരുന്നു.	k		Γ
75.24(c)(2)(xvI), 75.37(k) 4 & 75.38 II(8)(iv)	Proper barriers being maintelned	X	; ; ; ;	17.12
475.25(h)	。Lined site, under drains operable 在海外海,还是外海,还是海绵的海绵,一种,不是这种,这个人,不是这种人。	λ		υį
(48 <u>75.25(l)</u> 3	Are liners in place and covered with protective earth. அதிக்கில் இது முறு நடிக்கு மூக நடிக்கு முறி	X.	<u>u.j.</u> 1	,31
49 75.25(o)(3)	Elined site) daily record of leachate flow maintained வெத்தவத்தில் மில் உணிக்கிறின்றன. என்ற நடிக்கி	×		
(50) 75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	X		
75.26(o); 75.37(g), 51 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	1.79	χ̈́	;
75.26(b), 75.37(k)(2), (3), 75.38 II(8) (ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X.		
53 75.26(q)	At lined sites, is all waste deposited on lined areas and the site of the site	4		:
54 ² - 75.26(f)	Regulation ban on open burning adhered to	Ÿ.		L
75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	Ÿ	李	. 077. CQ
75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solld waste at the end of each working day.	N. Contraction	影響	
57 75.26(s)	, Hazardous wastes & sludges stored and/or disposed with written Departmental approval திரிந்த அண்கு அண்ணி	1.67		10
58 . 75.26(n)	, Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts (1997) 143	<u> </u>	<u>.</u>	L
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60 75.26(i) \$\frac{1}{2} \frac{1}{2} \frac	Unloading area restricted to proximity of the working face Working face area confined to size suitable for daily cover/compaction	X de la constant de l	4	 - -
60 75.26(i) 75.37(k) (s) 8 445		X	4. '	
60 75.26(i) 75.37(k) (s) 8 75.38 II(8)(x) 75.38 II(8)(vi) 62	Working face area confined to size suitable for daily cover/compaction Operation in accordance with approved plans	後半文学	1	
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Department of Environmental Resources R	ieprosontative Operator	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - Boyertour Sanitary Doposal Co. Silbertsville of - PAD 048603005 DATE: 9/20/83

FROM:

Gregory Koltonuk 9 K Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul

Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

Mote: Order being prepared on facility. How long mas this poon soinly mouth's! Hso let's go

Cl 8,283
Date of inspection 6/28/83 and 7/7/93 Time start Time finish
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., IN
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality Douglass Twp
Identification number PAD048603005
Name of responsible official MR. WARREN FRAME
Title Come Tren.
Mailing address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE - PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, 6
Area code and phone no. (215) 367-7524
1. Site characterization:
Treatment - [] surface impoundments, [] chemical, [] physical, [] biologic
b. Storage - Containers, Canks, Surface impoundments, Can waste piles
c. \(\text{Disposal} - \(\text{Jand treatment}, \(\text{Z} \) landfill, \(\text{Jandine ineration}, \(\text{Jandine treatment} \)
d use, reuse, recycle, reclaim
2. Does the facility generate hazardous wastes? X Yes 10 25 1983
3. Types of hazardous waste produced by Hazardous Waste Day
LEACHATE FROM LAND FILL WHERE HAZARDOUS SCUDE SCUDE
4. Are hazardous wastes transported off-site by the facility? A Yes No
LEACHATE GOES TO A POTU.

DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

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IDENTIFICATION NUMBER (1-	7) INSPECTION, DATE (9-14) INSPECTORS SOC. SEC.	NO.	(16-	24)
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NAME OF DISPOSAL FACILITY	FACILITY ADDRESS		,	
	it with Consultable from the Consultable for the State of	汉	61	
MUNICIPALITY	COUNTY	1:3. 37.	3. 1.	
FACILITY PROPRIETOR, NAME	ADDRESS AND TELEBHONE NUMBER	ផ្ទុំច ក្	.e - y.	
MULLETMELL	ADDRESS, AND TELEPHONE NUMBER)	· · ·		· .
DAILY VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK OPERATED		1 -32)	Jan 2
has much to his paris	子のは、1分 Compliance、2 - Non-Compliance、3 - Not applicable () 大きなない。	v.	la Gari	ر. از نو ۱۸۰
CHAPTER CITATION		in i	2	, 3
26 75.21(m)(3)	Sultable barrier blocks access to site when attendant is not present வக்கும் கண்கள் கண்டிய மாகிய	×	· 16	,
27, 75.21(s)	25' setback line buffer zone present	X		
28(75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	٠χ′.	্য	· ·
29 75.21(q) 17 / 18 / 18	Approved operational safety program being utilized	·Χ	4 ,	
75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly	1. K.C.		
31 75.21 (m) (2)	Hours of operation prominently posted 人名英格兰 医皮肤	Ÿ		
32 75.21(k)	Telephone or other communications available	×	掘	ាំ នៅដូច ដំ
33 , 75.21(o)(1) , see 11	Salvaging occurs in accordance with regulations	X		越
75.21(r)(1), (2), (3), (4), 5.24(e)(2)(vii)(viii)	Operational records maintained and method of measurement provided	N. O.		
75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	**	1000年	
75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		XX	
75.24(e)(2)(ii), (iii), 807 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department E G	できた。	X	
75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X	J. 1984	
75,24(c)(2)(v) &	Site access roads are negotiable by loaded collection vehicles. Div. of Hazordous Waste	XX.	流騰	
75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	新港等	影響	はいません
75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(ii)	Fire breaks	N.X		· · · · · · · · · · · · · · · · · · ·
Marking I was	and with a little to the factor of the contract of the contrac	145		

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

1	建设有"统治 "。	ா நார் நட்1 'அ்Compliance, ந2 '— Non-Compliance, ந3 -4 'Not applicable' இன் ஆர் ஆண்டு நார் நிறிய நிறிய நிறிய நி			ζ.
學亦	CHAPTER CITATION	· · · · · · · · · · · · · · · · · · ·	1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	X		-
43	75.24(b)(4)(l), 75.37(k)(6); & 75.38 II(8)(l)	Ground water monitoring requirements being met	X	-	
44	75.24(c)(2)(xi); 75.37(k); & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized the state of	X		
1000 1000 141	75.24(c)(2)(xvi), 75.37(k) 2.75.38 II(8)(iv)	Proper barriers being maintained	í Ka		1.
(14) (14)	75.25(h))) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	h Lined site, under drains operable k, https://doi.org/10.1001	Χō	, · · ·	$n^{(j)}$
748	75.25(I) (F) (1.55)	Are liners in place and covered with protective earth	٧.	433	ÒĠ.
49	75.25(o)(3)	Lined site; dally record of leachate flow maintained	×.	٠٠.	17
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	入		
551 551	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required 7/4	"(γ,	}
162 162	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	, X	,45 ,45	
53.	<u></u>	At lined sites; is all waste deposited on lined areas	Χ	Δ_{g}	.it
54	75.26(f)	Regulation ban on open burning adhered to	X	. *	1,
55 55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	Signal Signal Signal	
	75.26(l) & 75.38 II(8)(vii)	Unitorm minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day.	X	松	
57	至"75.26(s)有有证据信息等。"	-Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X	G.	-
58	75.26(n) (PASS 19 19 19 19 19 19 19 19 19 19 19 19 19	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts of Advisors	X	34	4
59	75.26(d) & 75.38 II(8)(IV)	Unloading area restricted to proximity of the working face:	X	, i At	1.5
60	75.26(1)和基本企业工作的原	Working face area confined to size suitable for daily governosmpachdre TVV E	X _e		7.5
500 61 ₁	75.26(q) 75.37(k) (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	強烈	×	
62	75.26(g), (h) & 75.38 II (8) (vi)	Dust controlled at site	Ž,	3. X	1,23
63	75.26(j), (k)	Blowing litter controlled a service of Div. of Hazardous Waste	×		150
64	्रै: -75.26(c) हेर्ना कर्ना कर्ने के	Provision for standby equipment available when needed প্রিক্তি কিন্তু করে করি বিভাগের করি করিছিল। করিছে ।	X	140	杂多
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		Ž)	は神が
66	Chapter 101(9)(e)(2)	Is bonding status correct ুই ক্ষেত্ৰ ক্ষেত্ৰ ক্ষেত্ৰ প্ৰতিষ্ঠান ক্ষেত্ৰ ক্ষেত্ৰ ক্ষেত্ৰ ক্ষেত্ৰ ক্ষেত্ৰ ক্ষেত্ৰ	人。		Às.
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ER -SWM-1B,2B,3B	COMMONWEALTH OF PENNS DEPARTMENT OF ENVIRONMENTA BUREAU OF SOLID WASTE MA	AL RESOURCES
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CENTRAL OFFICE, APPLICANT, INSPECTOR, REGIONAL OFFICE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection - Boyertown Sanitary Disposal Co., Acc. DATE: 10/3/83
PAD 048603005

FROM:

Gregory Koltonuk 9 (3AW22)

TO:

File

THRU: Peter Schaul

Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

Note: DER issued 2 citations · to facility for hazardous waste violations (2000) These citations are attacked. Copies beingreviewed by legal for possible firther action.

Alba

Date of inspection \$\frac{\psi}{2}\$ Time start Time finish
Hame of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., IN
Location 300 MERKEL RD GILBERTSVILLE, PA
County Montgomery Municipality Douglass Twp -
Identification number PADO48603005
Name of responsible official MR. WARREN FRAME
Title Gran
iling address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (2.15) 458-5274
Name of person interviewed Mr. Michael Melle
Title V. Fred
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, 6
Area code and phone no. (215) 367-752.4
1. Site characterization:
a. [] Treatment - [] surface impoundments, [] chemical, [] physical, [] biologic
b. 🖾 storage - 🖊 containers, 🏳 tanks, 💢 surface impoundments, 🏳 waste piles
c. M Disposal - M land treatment, M landfill, M incineration, thermal tre
d. Duse, Dreuse, Drecycle, Dreclaim men
2. Does the facility generate hazardous wastes? X Yes No Alli y 1983
3. Types of hazardous waste produced by Hazardous Waste Numbers CLUDGE LEACHATE FROM LAND FILL WHERE HAZARDOUS SLUDGE
15 LANDFILLED
4. Are hazardous wastes transported off-site by the facility? A Yes D No

COMMONWEALTH OF PENNSYL IIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	DENTIFICATION NUMBER (1-7) INSPECTORS SOC.			INSPECTORS SOC. SE	SEC. NO. (16			
	100550 8/4/83			ht-make.				
NAN	NAME OF DISPOSAL FACILITY FACILITY ADDRESS							
/ د. ا	Beryentown Landfill 300 Ma Val Rel							
MU	VICIPALITY	V	 	COUNTY				
	iounkan T	- WD		Montgon	511 11			
FAC	ILITY PROPRIETOR (NAME	, ADDRESS, AND	TELEPHONE NUMBER)		77			
	_	•			V			
DAI	LY VOLUME RECEIVED	ų	ANNUAL REPORT RECE	IVED	DAYS	PER WEEK		
		;	L_475 5		OPER	ATED		, :
,		1 — Com	pliance, 2 - Non-Complianc	ce, 3 — Not applicable				1
	CHAPTER CITATION						1	. 2
26	75.21(m)(3)	Suitable barrier	blocks access to site when at	ttendant is not present.			<u> </u>	
27	75.21(s)	25' setback line	buffer zone present				1	
28	75.21(1)(1), (2), (3)	Adequate fire ed	quipment or procedure for m	ninimizing fire hazerd			5.	
29	75.21(q)	Approved opera	tional safety program being t	utilized			<u>入</u>	
•	75.21(p)	Effective vector bird, mosquito,	control program utilized at s rodent, fly	site where needed. Circle	vector pro	ogram required:	1.,	
30 31 .	75.21(m)(2)	Hours of operati	ion prominently posted	 _			7/	╫┈
32	75.21(k)		her communications available	· · · · · · · · · · · · · · · · · · ·			7	╁
33	75.21(o)(1)	-					$\frac{\Delta}{X}$: 10
33	75.21(r)(1), (2), (3), (4),	Salvaging occurs	in accordance with regulation	ons		<u> </u>	1	╆┈
3 4	75.24(e)(2)(vii)(viii)	Operational reco	ords maintained and method	of measurement provided			×	4 1 2 1
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum	uniform two foot layer of co	ompacted cover material pl	aced on s	surface of final lift	ar.	#
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water m	anagement administered at tl	he site				1
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes with	nin 1 to 15 percent or as app	proved by Department	Ali Minaganagan			1
38	75.24(c)(2)(xi) & 75.38 (1(8)(viii)	Adequate source	and type of cover material		IJĠ 9	1983	¥	
39	75.24(c)(2)(v) & 75.38 11(8)(ii)(iv)(vi)	Site access roads	s are negotiable by loaded co	ellection vehicles	, -v., v.,	L. Wints	×.	ri.
40	. 75.24(c)(2)(ii)(iii), . 75.37(d)(1)(2) & . 75.38 II(8)(viii)	Slopes, benching	and terracing in accord wit	h regulations	1	A PATINGUAN COM		3.4 \$4
41	75.24(c)(2)(xvi), 75,37(k) & 75.38 11(8)(ii)	Fire breaks					`}	

COMMONWEALTH OF PENNSYLV. DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	CHAPTER CITATION		1	
12	75.24(c)(2)(xxiv), 75.37(k) & 75.38 iI(6)	Gas management	X	
13	75.24(b)(4)(i), 75.37(k)(6), & 75.38 1(8)(i)	Ground water monitoring requirements being mot	X	1
14	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	V	
15 .	75.24(c)(2)(x)	Approved subbase being utilized	1	-
18	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained		
7 .	75.25(h)	Lined site, under drains operable	17	-
8	75.25(i)	Are liners in place and covered with protective earth	か	;
9 _	75.25(o)(3)	Lined site, daily record of leachate flow maintained	<u> </u>	
٥ _	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		
1 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	/	
2.	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	
3	75.26(q)	At lined sites, is all waste deposited on lined areas		
4	75.26(f)	Regulation ban on open burning adhered to		
5 _	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	7	•
6 _	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	ζ.	
7 _	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	1 /	•
8 _	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	X	•
9 _	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X	
0 _	75.26(i)	Working face area confined to size suitable for daily cover/compaction		
1 _	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	K	•
2 _	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site AUG 9 1983	X.	•
3 _	75.26(j), (k)	Blowing litter controlled	又	•
4 _	75.26(c)	Provision for standby equipment available when needed Div. of Hazardous Waste	区	•
5 _	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	Ϊ̈	-
- 6	Chapter 101(9)(e)(2)	Is bonding status correct	1	•

75.265

. •				1- NON-COMPLIANCE, Z-COMPLIANCE, 3-NOT APPLICABLE, 4-NOT DETERMINED	
. (0	14.0	L! ኢአ	15		<u></u>
1	STA	7U.S	——	REQUIREMENT	CIT
<u>:-</u>	X			Run-on diverted away from the facility	(v)
<u> </u>	X			Run-off collected from the active portions:	
		X		Run-off collected from the active portions and managed as a hazardous waste if it is a hazardous waste.	(v)
· -	X		_	Facility is managed to prevent wind dispersal of hazardous waste.	(v).
-		X	-	to permanently surveyed benchmarks have	
		X	_	waste type within each cell kent in the approximate location of each hazardous .	(v) (v)
X			\downarrow		(v)
}		X	_	Ignitable and reactive wastes disposed of with Department approval.	! (v) (
		X		Precautions taken for the disposal of incompatible	
	X			weight and are non-flowable and do retired than 20% solids content by dry	v) (
	X			Willen approval from the Department to 71	v) (
				containing less than 20% solids content by dry weight and are flowable until November 18, 1981	<u>΄</u> (
	4			Hazardous waste co-disposed with municipal waste with Department approval	
	1	-	1	Emply containers crushed flat, shredded or riving	(v)
	\uparrow	_	-	before disposal sinceded, or similarly reduced in volume	(v)
	+	+	+		
-		+	+		
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ER -SWM-1B,2B,3B	COMMONWEALTH OF PENNS	YLVANIA
Time 915	DEPARTMENT OF ENVIRONMENTA BUREAU OF SOLID WASTE MA	AL RESOURCES
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* 193 from a transport from the second secon	COMMENTS: FORM NO. 10, 11, & 12	(2)
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jelning have	abilial be done.	DATE 2/4/83
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- No closure	planhootheenre	eleved by Dept.
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AUG 9 1983

Div. of Hazardous Waste

Department of Environmental Resources Representative

Onorston

HAZARDOUS WASTE INSPECTION PORT

0 9-12-83

Date of inspection Time start Time finish
Name of inspector THOMAS SHEEHAN
company, installation name BOYERTOWN SANITARY DISPOSAL Co., IN
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PAD048603005
Name of responsible official MR. WARREN FRAME
Title Conse Press
iling address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed
Title
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE
Area code and phone no. (215) 367-7524
1. Site characterization:
a. [Treatment - [] surface impoundments, [] chemical, [] physical, [] biolog
b. A Storage - Containers, C tanks, A surface impoundments, C waste pi
c. 🖾 Disposal - 🖂 land treatment, 💢 landfill, 🖂 incineration, 🖂 thermal
d. Use, reuse, recycle, reclaim
2. Does the facility generate hazardous wastes? 💢 Yes 🎵 No
3. Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM' LAND FILL WHERE HAZARDOUS SLUDGE!
15 LANDFILLED
4. Are hazardous wastes transported off-site by the facility? A Yes 17 No

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Timo 8 25 AM	COMMONWEALTH OF PENN: DEPARTMENT OF ENVIRONMENT BUREAU OF SOLID WASTE M	AL RESOURCES ()	•
Ukalka Auny	INSPECTION REPOR SANITARY LANDFILL, INDUSTR DEMOLITION SITES, FLYASH SITE COMMENTS: FORM NO. 10, 11, & 12	S, SLAG:SITES	₹ 5° €
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Department of Environmental Resource	Ces Representative Operato	they been	

TSD Facilities - Part PORT
Date of inspection 883 Time start Time finish
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO. INC
Location 300 MERKEL RD GILBERTSVILLE, PA
County MONTGOMERY Municipality DouGLASS TWP
Identification number PAD048603005
Name of responsible official MR. WARREN FRAME
Title Grane Press
Mailing address P.O. Box 360, R.D.I, GLENMORE, PA.
nuea code and phone no. (215) 458-5274
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Mailing address (if different from above) 300 MERKEL RD, GILBERTS VILLE, F
Area code and phone no. (215) 367-7524
1. Site characterization:
a. [Treatment - [] surface impoundments, [] chemical, [] physical, [] biological
b. A Storage - Containers, C tanks, A surface impoundments, C waste piles
c. A Disposal - I land treatment, A landfill, I incineration, I thermal trea
d. Use, reuse, recycle, reclaim
2. Does the facility generate hazardous wastes? X Yes 17 No
3. Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM LAND FILL WHERE HAZARDOUS SLUDGE
MILEVE WALLES
15 LANDFILLED SEP 9 1983

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Man de suman	COMMONWEALTH OF PENNSY EPARTMENT OF ENVIRONMENTA BUREAU OF SOLID WASTE MA	L RESOURCES NAGEMENT	
Wester sung las	INSPECTION REPORT SANITARY LANDFILL, INDUSTRIA DEMOLITION SITES, FLYASH SITES,	AL SITES , SLAG SITES	100550
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- profective Covers	hung pe	ul on the	ting in
Jand delivered a Demples taken by the DER Laboratory 4,5,6,7(New), 8,	myselfon 1/2.	lesting and 5/8 & and - Amoly	colypie for analyzed &
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Department of Environmental Resources Repre	esentative Operator	SEP 9 1969	NO.18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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	HAMARDOUS WASTE INSPECTIO EPORT (
	TSD Facilities - Part. A
	$\mathcal{C}(\mathcal{A}, \mathcal{A})$
Date of inspection_	9/02
	Time start Time finish
llame of inspector	OMAS SHEEHAN
	SHEEHAN
Company, installation name	THE BOYERTOWN SANITARY DISPOSAL CO., IN
Togation 300 has	SANITARY DISPOSAL CO. IN
	SEG KD COLLABOTELLING OF
County MONTGOME	Municipality DouGLASS TWP
- INTONIER	Municipality Douglass Time
Identification number	PAD048603005
	7. 30 786 03 00 5
mame or responsible offic	ial MR WARREN FRAME
Title Comme Pro.	A PROME
Mailing address P.O.	BOX 360, R.D. I, GLENMORE, PA.
	JOR SGO, R. D. 1 GLENMORE PA
the code and phone no.	(215) 458-5274
Name of payers	108-5274
Name of person interviewed	
Title	
Mailing address (if differ	ent from above) 300 MERKEL RD GILBERTSVILLE, G
Area code and phone no	MERKEL RD GILBERTS VILLE C
and phone no	215) 367-7524
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l. Site characterization:	
•	
Treatment -	surface impoundments for the surface impoundment in the surface impoundment
D. M Stores	surface impoundments, [] chemical, [] physical, [] biological
	tanks. Wengen.
c. 💢 Disposal - 🗁	ontainers, tanks, surface impoundments, waste piles land treatment, landfill, incineration, thermal trea
· · · · · · · · · · · · · · · · · · ·	Jandfill / inginore
d. Duse, Dreuse,	☐ recycle. ☐ reclaim ment
Door the c	ment ment
the facility generated	ate hazardous wastes? 💢 Yes 🎵 No
· Types of hazardona	ZA IGS Z/ NO
LEACHATE ECONO	Produced by Hazardous Waste Number:
	AND FILL WHERE HAZARDOUS SLUDGE
15 LANDFILLED	The state of the s
tro to	
navardous wastes tra	insported off-site by the facility? Yes 7 kg
	The racility? Jos Z ko

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was decorated as the	1 2 3 PM	COMMONWEALTH OF PE DEPARTMENT OF ENVIRONM BUREAU OF SOLID WAST	ENTAL RESOURCES	
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Department of Environmental Resources Representative

WARDOUS WASTE INSPECTION RE P TSD Facilities - Part A
Date of inspection 8/883 Time start Time finish
lame of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD GILBERTSVILLE, PA
County Montgomery Municipality Douglass Twp
Identification number PADO48603005
Name of responsible official MR. WARREN FRAME.
Title Gran
Mailing address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed
Title
Mailing address (if different from above) 300 MERKEL RD GILBERTS VILLE, PA.
Area code and phone no. (215) 367-7524
1. Site characterization:
Treatment - [] surface impoundments, [] chemical, [] physical, [] biological
b. 🗸 Storage - 🎵 containers, 🖂 tanks, 💢 surface impoundments, 🦳 waste piles
c. 🖾 Disposal - 🖂 land treatment, 💢 landfill, 🖂 incineration, 🖂 thermal treat-
d
2. Does the facility generate hazardous wastes? 💢 Yes 🎵 No
3. Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE
15 LANDFILLED SEP 91980
4. Are hazardous wastes transported off-site by the facility? Yes / No

ER-SWM-1:5/79

COMMONWEALTH OF PENNSYL...NIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

וטב	NITFICATION NUMBER (1-	7) INSPECTIO	ON DATE (9-14)	INSPECTORS SOC. SEC.	NO.	(16-
	100550	8//	8/ X 2/2			
NAN	ME OF DISPOSAL FACILITY	FACILITY	ADDRESS			
{	service town La	1.00 to 11.00 3.00	M. V. 66	Q84. Vende	, .	
MUI	NICIPALITY	COUNTY COUNTY	17 16 9 6 N. 4. 6. 8 1X	CX "TEXTILLECT"		
1) no sold to		-			
FAC	CILITY PROPRIETOR (NAME	ADDRESS, AND TELEPHONE NUMBER)	Jon 18 Le			
		3	$\langle \rangle$			
DAI	LY VOLUME RECEIVED	ANNUAL REPORT RECEIVED	I DAVS	PER WEEK		
		, , , , , , , , , , , , , , , , , , , ,	OPER.			
						· ,
		1 - Compliance, 2 - Non-Compliance, 3 - Not a	applicable		· ·	1 2
	CHAPTER CITATION	<u> </u>			1	· 25
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is no	ot present.		$\frac{1}{\lambda}$	
27	75.21(s)	25' setback line buffer zone present				
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire	hazard		١,	T
29	75.21(q)	Approved operational safety program being utilized			1	<u> </u>
	75.21(p)	Effective vector control program utilized at site where nee	eded. Circle vector pro	oncam required:		
30		bird, mosquito, rodent, fly	odda. Girold Yddio, pri	ogram redamed.	<i>F</i>	
31	75.21 (m) (2)	Hours of operation prominently posted			\	
32	75.21(k)	Telephone or other communications available			$\sqrt{\chi}$	11.
33	75.21(o)(1)	Salvaging occurs in accordance with regulations			χ	-3,5
	75.21(r)(1), (2), (3), (4),	Opensional annual materials and		, <u> </u>		
34	75.24(e)(2)(vii)(viii)	Operational records maintained and method of measureme	ent provided		λ	4
	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum uniform two foot layer of compacted cover	er material placed on s	surface of final lift		·•
35	& 75,38 H(8)(VIII)					
	75.24(c)(2)(i), 75.37(e) &					
36	75.38 II(8)(viii)	Surface water management administered at the site			Ŀ	×
	75.24(c)(2)(ii), (iii), &	Final slopes within 1 to 15 percent or as approved by Dep	partment			
37	75.37(d)(1), (2)		11.	This I was a taken a section of		4
	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized		7		ļ
38	70:20 HOMBIN	<u> </u>	SEP 9 196	9	`1	
	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection yehic			100	
39		i,	dy ()		1	
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) &	Slopes, benching and terracing in accord with regulations			'	St. of
40	75.38 II(8)(viii)			·		\wedge
	75.24(c)(2)(xvi), 75.37(k)	Fire breaks				
41	& 75,38 11(8)(ii)	<u> </u>	-		λ.	

ER-SWM-1A:5/79

COMMONWEALTH OF PENNSYLV A DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

1 - Compliance, 2 - Non-Compliance, 3 - Not applicable

	in a seminaran per care and a seminaran branches and minimaking a term on passes of seminaran a	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	7	7
A DENT	CHAPTER CITATION		1	
42 .	75.24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management		
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	人	Ì
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized		†
45	75.24(c)(2)(x)	Approved subbase being utilized	T _Y	t
16	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained		Ī
47	75.25(h)	Lined site, under drains operable	\ <u>\</u>	t
8	75.25(i)	Are liners in place and covered with protective earth	\ \	t
9	75.25(o)(3)	Lined site, daily record of leachate flow maintained	1	t
0	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	_	t
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required		t
2	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	ís.	Ī
3	75.26(q)	At lined sites, is all waste deposited on lined areas	14	t
4 .	75.26(1)	Regulation ban on open burning adhered to	<u> </u>	t
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	7	Ī
56	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	y!	İ
7	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	$\frac{1}{\lambda}$	t
58 _	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	忟	t
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	Å.	r
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	Ą	t
81 .	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	`	İ
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X	ŀ
- 33 _	75.26(j), (k)	Blowing litter controlled	<i>J</i>	t
34	75.26(c)	Provision for standby equipment available when needed	4	t
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		T
66	Chapter 101(9)(e)(2)	Is bonding status correct	┪	┢

ER -SWM-18,28,38		
TIM 200 PM	COMMONWEALTH OF PENNS DEPARTMENT OF ENVIRONMENT BUREAU OF SOLID WASTE MA	AL RESOURCES
Walker Hayer	INSPECTION REPORT SANITARY LANDFILL, INDUSTR DEMOLITION SITES, FLYASH SITE	IAL SITES
Walker Hogy	COMMENTS: FORM NO. 10, 11, & 12	DISPOSAL FACILITY Song Control
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Department of Environmental Resources Representative

Operator

Date of inspection S 29 83 Time start 9 40 Time fill 10 10 10 10 10 10 10	72 (78) inish
Company, installation name BOYERTOWN SANITARY DISPOSA	L Co., IN
Location 300 MERKEL RD, GILBERTSVILLE, PA	April 1 Section 1
County MontGomery Municipality Douglass T	WP T
Identification number PADO48603005	
Name of responsible official MR. WARREN FRAME	
Title Great	
Mailing address P.O. Box 360, R.D.I, GLENMORE, P.	
a code and phone no. (215) 458-5274	
Name of person interviewed MR. MICHAEL MILLER	NY NY
Title VICE - PRES.	
Mailing address (if different from above) 300 MERKEL RD GILBE	
LIGHT GOVE SOUTHERREL RD GILAR	
Area code and phone no (215) 3(5 35	RTSVILLE,
Area code and phone no. (215) 367-7524	RTSVILLE
Area code and phone no. (215) 367-7524	RTSVILLE
1. Site characterization:	
1. Site characterization: a. // Treatment - // surface impoundments, // chemical, // physica	ıl. /7 blolog
1. Site characterization: a. // Treatment - // surface impoundments, // chemical, // physica	ıl. /7 blolog
1. Site characterization: a. // Treatment - // surface impoundments, // chemical, // physica b. // Storage - // containers, // tanks, // surface impoundments.	1. //blologi
1. Site characterization: a. // Treatment - // surface impoundments, // chemical, // physica b. // Storage - // containers, // tanks, // surface impoundments, c. // Disposal - // land treatment, // landfill, // incine page of the containers of	l. // blologi
1. Site characterization: a. // Treatment - // surface impoundments, // chemical, // physica b. // Storage - // containers, // tanks, // surface impoundments. c. // Disposal - // land treatment, // landfill, // incincolling of the containers.	l. // blologi
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1. Site characterization: a.	L. // blologi waste pile Athermal to me do waste pile waste

COMMONWEALTH OF PENNSYLVANIA Tune 8 40/11 DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT INSPECTION REPORT Weelle, SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES COMMENTS: then land night FORM NO. 10, 11, & 12 DISPOSAL FACILITY 12 Lawrence Lagron oron/ full DATE 3/29/83 Tratmend lands, crypty gates buy weld Men) Sollon: New had Liver glad or sound of paradient 1 year - looker; - pepe hooked enlediain network for new pred loner covering whom pape used to go into prom Dept. ded not inspectation lefted it made in - Lawful so, without of pego is a low with the coop glandon and way of closers with the line into an head had have the pego is Fende et + someting vanle pet a demot pipon Neuranusa 1 sol built was NE ride livertus ment and have and and will to day to and of new Ken /21/23

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III — 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.

PAD 04 860 3005

DATE:8 1 83

FROM:

Gregory Koltonuka

Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul

Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

ARDOUS WASTE INSPECTION REPO TSD Facilities - Part A
Date of inspection 5/3/83 Time start 900 Time finish /00
Name of inspector THOMAS SHEEHAN
company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MontGomery Municipality Douglass Twp
Identification number PADO48603005
Name of responsible official MR. WARREN FRAME
Title Gran.
ing address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE - PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA
Area code and phone no. (215) 367-7524
1. Site characterization:

- a. [Treatment [surface impoundments, [chemical, [physical, [biological
- b. 🖾 Storage 🖂 containers, 🖂 tanks, 🖾 surface impoundments, 🖂 waste piles
- c. 🖾 Disposal 🖂 land treatment, 🖾 landfill, 🖂 incineration, 🖂 thermal treat

9 1983

- d. ____ Use, ___ reuse, ___ recycle, ___ reclaim
- 2. Does the facility generate hazardous wastes?

 Yes 7 No Will

 Types of hazardous waste produced by Hazardous Waste Number:

 LEACHATE FROM LAND FILL WHERE HAZARDOUS SLUDGE
- 4. Are hazardous wastes transported off-site by the facility? Yes No

LEACHATE GOES TO A POTY.

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MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDEN	ITIFICATION NUMBER (1-7	')		INSPECTION DATE (9-	-14)	INSPECT	ORS SOC	. SEC. I	10. (16-:	24)
٠	100550			5/3/83		, terr	الله در الاستيار بير بدر الاستيارة والا		• .		
NAM	E OF DISPOSAL FACILITY		······································	FACILITY ADDRESS	!			×		فوقت في دروي	
1	INTROOP NOVAL	Town Dia	will to thus	100	Mar	Mr. V.	Will	13	Ģ	Ĺű	j.
NAME OF DISPOSAL FACILITY FACILITY PROPRIETOR (NAME ADDRESS, AND TELEPHONE NUMBER) TAKE OF ADDRESS AND TELEPHONE NUMBER) TO Compiliance, Z - Non-Compiliance, 3 - Not applicable TO Compiliance, Z - Non-Compiliance, 3 - Not applicable CHAPTER CITATION 1 2 2 75.21(m)(3) Suitable barrier blocks access to site when attendant is not present. 28 75.21(m)(3) Suitable barrier blocks access to site when attendant is not present. 29 75.21(m) Abgrowed operational safety program being utilized 75.21(p) Effective vector control program utilized at site where needed. Circle vector program required: bird, misquire, program, prominently posted 75.21(n) Telephone or other communications sealable 75.21(n) Telephone or other communications sealable 75.21(n) Telephone or other communications sealable 75.21(n) Telephone or other communications sealable 75.24(n)(12)(xix), 75.27(n) Telephone or other communications sealable 75.24(n)(12)											
NAME OF DISPOSAL FACILITY PACILITY PROPRIETOR (NAME, ADDRESS, AND TELEPHONE NUMBER) DAILY VOLUME RECEIVED T - Compilance, 2 - Non-Compilance, 3 - Net applicable CHAPTER CITATION 1 2 7.5.21(a)											
			TELEPHONE NUMBER)		/						
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	· · · · · · · · · · · · · · · · · · ·	1 - Comp	oliance, 2 – Non-Comptiance	, 3 — Not applicable	<u> </u>	, 22			•		5
	CHAPTER CITATION					- , .,			1	2	3
26	75.21(m)(3)	Suitable barrier l	blocks access to site when att	endant is not present.					X		
•	75.21 (s)	 	 	 			-				
28	75.21(I)(1), (2), (3)	Adequate fire eq	uipment or procedure for mi	nimizing fire hazard			,		<u> </u>		
29	75.21(q)	Approved operat	ional safety program being u	tilized							,
	75.21(p)	Effective vector	control program utilized at si	te where needed. Circle	vector prog	gram requi	ired:				•
30 _			·							<u> </u>	
31 _	75.21(m)(2)	Hours of operati	on prominently posted					-	:		
32		Telephone or oth	ner communications available			• .	· ·		<i>/</i> -	_	7.6
33	75.21(o)(1)	Salvaging occurs	in accordance with regulation	าร				•	À.	34	總
34		Operational reco	rds maintained and method o	of measurement provided					(i) X		
36	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viii)	Final minimum (uniform two foot layer of co	mpacted cover material pl	aced on su	rface of f	inal lift	, <u>-</u>	Χ		17 ² 27
, 00	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water m	anagement administered at th	e site) - di			, , ,	
36							e e		3.4	<u>,'</u>	٠ '١٠,
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes with	nin 1 to 15 percent or as app	roved by Department			1983		i	<i>.</i> ',	,
38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source	and type of cover material b	peing utilized			, , , , ,		N.		
	75.24(c)(2)(v) & 75.38 !!{8)(ii)(iv)(vi)	Site access roads	s are negotiable by loaded col	llection vehicles					X		2.0
	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	1	<u>-</u>	regulations .	- · · · · ·			,	1	X	j
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 [1(8)(ii)	Fire breaks					, ,	5	X	.;	9.5
									• `		

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MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

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- 	CHAPTER CITATION	1 - Compliance, 2 - Non-Compliance, 3 - Not applicable	1] ₃
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 (6)	Gas management	X		
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 il(8)(i)	Ground water monitoring requirements being met	X		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X		
45	75.24(c)(2)(x)	Approved subbase being utilized	X		
:	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	Х		;
47	75.25(h)	Lined site, under drains operable	Х		
. 48	75.25(i)	Are liners in place and covered with protective earth	X		
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	ķ		
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly		×	
51	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required		<u> </u>	
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	41.20	4
53	75.26(q)	At lined sites, is all waste deposited on lined areas	$\sqrt{}$		
54	75.26(I)	Regulation ban on open burning adhered to	χ		
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X	٠.	
, .	75.26(I) & 75.38 II(8)(vii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	100	1	12 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	. (Υ.,	:
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	×)	
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	X		,
60	75,26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61	75.26(q), 75.37(k), (s) & ` 75.38 II(8)(x)	Operation in accordance with approved plans	(<u> </u>
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site	X		,
63	75.26(j), (k)	Blowing litter controlled 14 to 1983			
64	75.26(c)	Provision for standby equipment available when needed	Š		15
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas	Ť	×	**************************************
66	Chapter 101(9)(e)(2)	Is bonding status correct		٠,	<u> </u>
٠.			X		

Turno 900 AM	COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
There a training the same state of the same and the same same and the	BUREAU OF SOLID WASTE MANAGEMENT INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES DEMOLITION SITES, FLYASH SITES, SLAG SITES COMMENTS:
(D) (D) (D) (D)	COMMENTS: FORM NO. 10, 11, & 12 (45) PARAMA FR. DISPOSAL FACILITY
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ed they knowld	This shade is apprecial for design of the
- Laron Luel in	Elow incoming near and always of house
- Lidelalo inteller	How incoming paper and a pole on your
E THEALMEN TORK	solout 34 full.
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Department of Environmental Resource	Operator Ope

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.

PAD 048603005

DATE: 7/13/83

FROM:

Gregory Koltonuk gk Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul

Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

183 and 4/8/83 Date of inspection. Time start Time finish Name of inspector THOMAS SHEEHAN Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC Location 300 MERKEL RD, GILBERTSVILLE, PA County MontGomery Municipality DouGLASS TWP Identification number PAD048603005 Name of responsible official MR. WARREN FRAME Mailing address P.O. Box 360, R.D.I, GLENMORE, PA. Area code and phone no. (215) 458-5274 Name of person interviewed MR. MICHAEL MILLER Title VICE - POES Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, F Area code and phone no. (215) 367-7524 Site characterization: a. [Treatment - [surface impoundments, [chemical, [physical, [biological b. 🕅 Storage - 🗌 containers, 🖂 tanks, 🖾 surface impoundments, 🖂 waste piles c. 🔯 Disposal - 🖂 land treatment, 🖾 landfill, 🖂 incineration, 🖂 thermal treatment d. 🔲 Use, 🖂 reuse, 🗇 recycle, 🖂 reclaim 2. Does the facility generate hazardous wastes? 💢 Yes 🌅 No 🗚 🕮 1983 Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM LANDFILL WHERE HAZARDOUS SLUDGE 15 LANDFILLED 4. Are hazardous wastes transported off-site by the facility? A Yes I No LEACHATE GOES TO A POTW.

HAZARDOUS WASTE INSPECTION REPORT

ER-SWM-1:5/79

Action of the said

MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

IDE	NTIFICATION NUMBER (1-	7) INSPECTION DATE (9414) INSPECTORS SOC. SEC	NO.	(16-	24)
	00550	14/1 +4/8/83			
NAN	NE OF DISPOSAL FACILITY	FACILITY ADDRÉSS		· · · ·	
13	ordoron San	there, Duposalle Arc 300 Merkel Rd Sile	hot	ii N.O.	14
ويستوسد	VICIPALITY	COUNTY			<u> </u>
$-\bigcirc$	mulders Tupa	D. Montgomer			
FAC	ILITY PROPRIETOR (NAME	, ADDRESS, AND TELEPHONE NUMBER)		-4.07004	•
	Warrentra	me Pres		•	
DAI	LY VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER WEEK			
		OPERATED 5/2			
		1 - Compliance, 2 - Non-Compliance, 3 - Not applicable			
	CHAPTER CITATION		1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	4		
27	75.21(s)	25' setback line buffer zone present	7		<u> </u>
28	75.21(1)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard	٠,.		$ar{}$
29	75.21(q)	Approved operational safety program being utilized	7-		
	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required:			Ţ.
30		bird, mosquito, rodent, fly	7.		Ĺ
31	75.21(m)(2)	Hours of operation prominently posted	46.		
32	75.21(k)	Telephone or other communications available	J_z		
33	75.21(o)(1)	Salvaging occurs in accordance with regulations	K	,	
34	75.21(r)(1), (2), (3), (4), 75.24(c)(2)(vii)(viii)	Operational records maintained and method of measurement provided	,		. ,
35 [/]	75.24(c)(2)(xxi), 75.37(j) & 75.38 11(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface of final lift	×		
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site	4		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department		/	
38 .	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	X		
39	75,24(c)(2)(v) & 75,38 H(8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles APR 2 1983	٧		,,
40	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations . [[Div. 01.1011113116.316.]		7	
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 [[(8)(ii)	Fire breaks	4		

ER-SWM-1A:5/79

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MONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL SITES, DEMOLITION SITES, FLYASH SITES, SLAG SITES FORM NO. 10

1 — Compliance, 2 — Non-Compliance, 3 — Not applicable

	ĺ	AND AND THE PROPERTY OF THE PR			
	CHAPTER CITATION		1	2	3
42	75,24(c)(2)(xxiv), 75.37(k) & 75.38 II(6)	Gas management	·		·
43	75,24(b)(4)(i), 75,37(k)(6), & 75,38 (1(8)(i)	Ground water monitoring requirements being met	>		
44 _	75,24(c)(2}(xi), 75,37(k). & 75,38 11(8)(ii)	Approved cover material being utilized	×		 -
45	75.24(c)(2)(x)	Approved subbase being utilized	ス		
	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X		
٠,	75.25(h)	Lined site, under drains operable	Х		Ĺ_
48	75.25(i)	Are liners in place and covered with protective earth	人		
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	冷		<u> </u>
50	75.26(a) & 7 5.37(g)	Leachate treatment facilities being operated properly	X	\Box	
51 _	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	*		
52 _	75.26(b), 75.37(k)(2), (3), 75.38 [[(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X		
53 _	75.26(q)	At lined sites, is all waste deposited on lined areas	<u> </u>		<u></u>
54	75.26(f)	Regulation ban on open burning adhered to	N		L
55 _	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X		
	75.26(I) & 75.38 II(8)(viii)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	K .		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	14		
58	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	У.		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	ĸ		
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		
61	75.26(q), 75.37(k), (s) & 75.38 (8)(x)	Operation in accordance with approved plans	7,		٠,
62	75.25(g), (h) & 75.38 iI(8)(vi)	Dust controlled at site APR 2 1 1983	x.		
63	75.26(j), (k)	Blowing litter controlled	2,		_ ;
64	75.26(c)	Provision for standby equipment available when needed	χ		
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		X	,
66	Chapter 101(9)(e)(2)	Is bonding status correct		人	: :

man of the			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,
ER SWM-18,28,38	COMMONWEALTH O	E DENINGVI VANIA	•	
3/8/83	DEPARTMENT OF ENVIRONMENT OF SOLID W	ONMENTAL RESOURCES		
Time 915 AM	INSPECTION SANITARY LANDFILL, DEMOLITION SITES, FLY	INDUSTRIAL SITES		. •
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- pump being	\mathcal{F}_{\cdot}	V Landy		
- Hole Catchero le Erench dissin	rachate from	accordate #/>	1853 4/8/8	<u> </u>
Frenchaldin	wo not lilled.	to overflow pe	in the	
6 /			e	
3/8/83 1000/1M	Rain.			•
- snow love no	JOHNAN & STORA	loy.	16	ſ
- Uneater flowing	leachat com	ody into lag	souther y	-Studl
- The collection de	our rowth	Handfill 4	Lhoud init	he
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and washate con	ming from th	top Eliains i	mothers	Laure.
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determine	Compa of huma	hedrains is	blem The	0
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toutes.				, ~
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get bewappro	very opin	小顺		
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Department of Environmental Resource	Representative	Operator		
Control of the contro	CENTRAL OFFICE, APPLICAN	IT, INSPECTOR, REGIONAL	OFFICE	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.

PAD 048603005

FROM:

Gregory Koltonuk K Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul

Chief, Waste Enforcement Section (3AW22)

THE STATE IS TAKING ACTION TO RESOLVE THE VIOLATIONS IN THIS

INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

HAZARDOUS WASTE INSPECTION REPORT TSD Facilities - Part A

Ce 4,2183

Date of inspection 4/12/83 Time start Time finish
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL Co., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PAD048603005
Name of responsible official MR. WARREN FRAME
Title Come Tres.
Me ng address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE - PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, PA.
Area code and phone no. (215) 367-7524
1. Site characterization:
<pre>1. Site characterization:</pre>
u. [] Treatment - [] surface impoundments, [] chemical, [] physical, [] biological
u. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ marneration, ☒ thermal treatment d. ☐ Use, ☐ reuse, ☐ recycle, ☐ recklain
u. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ the restation, ☐ thermal treat
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d. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological b. ☆ Storage - ☐ containers, ☐ tanks, ☐ surface impoundments, ☐ waste piles c. ☑ Disposal - ☐ land treatment, ☐ landfill, ☐ programment treatment d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim 2. Does the facility generate hazardous wastes? ☒ Yes ☐ No
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a. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological b. ☒ Storage - ☐ containers, ☐ tanks, ☒ surface impoundments, ☐ waste piles c. ☒ Disposal - ☐ land treatment, ☒ landfill, ☐ purmeration, ☒ thermal treat d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclaim 2. Does the facility generate hazardous wastes? ☒ Yes ☐ No 3. Types of hazardous waste produced by Hazardous Waste Numbers LEACHATE FROM LAND FILL WHERE HAZARDOUS SLUDGE
 d. ☐ Treatment - ☐ surface impoundments, ☐ chemical, ☐ physical, ☐ biological b. ☐ Storage - ☐ containers, ☐ tanks, ☐ surface impoundments, ☐ waste piles c. ☐ Disposal - ☐ land treatment, ☐ landfill, ☐ purple ration, ☐ thermal treatment d. ☐ Use, ☐ reuse, ☐ recycle, ☐ reclain 2. Does the facility generate hazardous wastes? ☐ Yes ☐ NO 3. Types of hazardous waste produced by Hazardous Waste Humbors ☐ LEACHATE FROM LAND FILL WHERE HAZARDOUS SLUDGE 1. LAND FILLED

MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	TIFICATION NUMBER (1-	7)		INSPECTION DATE (9	– 14)	INSPECTORS SOC. SEC. N	D. (16	- 24)	
NAME OF DISPOSAL FACILITY							()	16	
MUNICIPALITY SONTER LAP C. UNC 300 Mukel Rd. Helle Trus								لنافرية	
	reglass Treps	, ~		Montgone	T 3	•			
FACI	ITY PROPRIETOR (NAME	, ADDRESS, AND	TELEPHONE NUMBER)	V	,	general franchista (no grand and an an an an an an an an an an an an an			
DAIL	Y VOLUME RECEIVED		ANNUAL REPORT REC	EIVED	DAYS OPERA	PER WEEK	<u>r • </u>		
	Section of the sectio	1 - Com	pilance, 2 - Non-Compilance	e, 3 – Not applicable		anno de la latifica de la <u>la compresa de constante, y la mai con</u> la del			
	CHAPTER CITATION	No. 1	A CONTRACTOR OF THE CONTRACTOR	क हैं, तीक प्रकार किया किया किया किया किया किया किया किया	agia e in an a em al as en	tana sa tana sa garang ang managan sa sa sa sa sa sa sa sa sa sa sa sa sa	1	2	3
26	75.21(m)(3)	Suitable barrier b	locks access to site when atter	ndant is not present.	· <u>····································</u>		X		
27	75.21(s)	25' setback line b	uffer zone present	•			X		
28	75.21(l)(1), (2), (3)	Adequate fire equ	ipment or procedure for minim	sizing fire hazard	-		X		
29	75.21(q)	Approved operation	onal safety program being utili	zeď			K		
' 30	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program required: bird, mosquito, rodent, fly			4				
31	75.21(m)(2)	Hours of operation prominently posted			7				
32	75.21(k)	Telephone or other communications available			7				
33	75.21(0)(1)	Salvaging occurs	in accordance with regulations	8			4		
34`	/5.21(r)(1), (2), (3), (4), /5.24(e)(2)(vii)(viii)	4), Operational records maintained and method of measurement provided				<u></u>			
35	75.24(c)(2)(xxi), 75.37(j) & 75.38 II(8)(viil)	Final minimum ui	niform two foot layer of compa	cted cover material placed or	n surface o	f final lift	7	•	
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water ma	nagement administered at the	site			<u>-</u>		
37	75.24(c)(2)(ii), (iii), & 75.37(d)(1), (2)	Final slopes withi	n 1 to 15 percent or as approv	ed by Department	30[EDVEN		イ	
38	75.24(c)(2)(xi) & 75.38 il(8)(viii)	· Adequate source	and type of cover material bein	ng utilized	APR	2 1 1983	4		
39	75.24(c)(2)(v) & 75.38 II(8)(ii)(iv)(vi)	Site access roads	are negotiable by loaded colle	ection vehicles	iv. of H	azardous Weste	+		
40 _	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching	and terracing in accord with r	egulations .				Į,	
41	75.24(c)(2)(xvI), 75.37(k) & 75.38 II(8)(II)	Fire breaks	po contraction				+		i1 : ,
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MONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

	•	1 - Compilance, 2 - Non-Compilance, 3 - Not applicable		3	
	CHAPTER CITATION		1	2	3
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 il(6)	Gas management	4		
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	Ϋ́		
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	7	}	
45	75.24(c)(2)(x)	Approved subbase being utilized	人		L
	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	Ϋ́		
47	75.25(h)	Lined site, under drains operable	1		
48	75,25(i)	Are liners in place and covered with protective earth	7		
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	· >		
50	"75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	Ϋ́		
51.	75.26(o), 75.37(g), 75.38 II(8)(viii)	Erosion controlled on site, diversion ditches as required	X		
52	75.26(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	X	-	
53	75.26(q)	At lined sites, is all waste deposited on lined areas	⊁	Ŀ	
54	75.26(f)	Regulation ban on open burning adhered to	×		
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	*	,,	
5 0 - 1	75.26(I) & 75.38 II(8)(vil)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	1		
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58,	75.26(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	Ķ.		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	Ϋ́	•	
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	1		<u></u> ;
61.	75.26(q), 75.37(k), (s) & 75.38 II(8)(x)	Operation in accordance with approved plans	X	·	
62	75.26(g), (h) & 75.38 II(8)(vi)	Dust controlled at site APR 2 1983	7		
63	75.28(j), (k) _	Blowing litter controlled	1		
64	75.26(c)	Provision for standby equipment available when needed Div. of harmonia.	¥		Γ
65	. 75.26(o), (p), 75.37(j), 76.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		χ	
66	Chapter 101(9)(e)(2)	Is bonding status correct		مستخف	
		· ·		1	ļ

THE OFFICE PROPERTY.	40,00		
Time	945		
1) 1	·)	17	,

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT

HEARY MOIN LOST LUCE BURGERM NO. 10, 11, & 12	R.
Lagron has only 3ft heboard	Loudfell Born town
	Langer Los
Hole & catcher leadlate from lagoon	DATE 7/12/83
Theatment tanks of full. Hole & Catcher leashate from lasoon undershown Bull - ~ 1921 min lower Leapen bould and conduct line baker	I ~ sweedgelfinin.
66) Bud has been received but not	pet approved by
Depolition and may ,	
Southwest and some of the south some creas on the north sout	on the postation
southwest and some of the Louth	east Alexan Alle
some areas on the morth low	acsomes deann,
- Courts hove not yet made decision be	tween Lundfell and
sewed authority. Anjunction hearing s	tell goring on in Common
- Could have not yet made decision be sewed authority: Anjunction heaving & Place Court.	
· good buil must be of bover of to	allow for Atorago
Capacity in the event of more re	un
Capacity in the event of more re Hauled 12 loads yesterday, 4 los	eds abiliarly today
- Few small seeps on northeast side.	above access road.
	MEGENVEN
	APR 2 1983
1 10 0	Div. of Hazardous Weste
Marix delaw 4/13/23 Charle	Dischaller
Department of Environmental Resources Representative Operator	7 (

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts. Philadelphia, Pa. 19106

SUBJECT: RCRA Inspection-Boyertown Sanitary Disposal Co., Inc.

PAD 048603005

DATE:

FROM:

Gregory Koltonuk gk Environmental Scientist (3AW22)

TO:

File

THRU: Peter Schaul,

Chief, Waste Enforcement Section (3AW22)

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INSPECTION REPORT.

WE WILL MONITOR THE STATE ACTIVITY REGARDING RESOLUTION OF THESE

VIOLATIONS.

RDOUS WASTE INSPECTION REPORT TSD Facilities - Part A

483

Date of inspection $4/26/83$ Time start 930 Time finish
Name of inspector THOMAS SHEEHAN
Company, installation name BOYERTOWN SANITARY DISPOSAL CO., INC.
Location 300 MERKEL RD, GILBERTSVILLE, PA
County MONTGOMERY Municipality DOUGLASS TWP
Identification number PAD048603005
Name of responsible official MR. WARREN FRAME
Title Prais
ing address P.O. Box 360, R.D.I, GLENMORE, PA.
Area code and phone no. (215) 458-5274
Name of person interviewed MR. MICHAEL MILLER
Title VICE-PRES.
Mailing address (if different from above) 300 MERKEL RD, GILBERTSVILLE, A.
Area code and phone no. (215) 367-7524
1. Site characterization:
a. [Treatment - [] surface impoundments, [] chemical, [] physical, [] biological
b. 💢 Storage - 🗌 containers, 🖂 tanks, 💢 surface impoundments, 🔲 waste piles
./ c. 🖾 Disposal - 🖂 land treatment, 🖾 landfill, 🖂 incineration, 🖂 thermal treatment
d. Use, recycle, reclaim ment
2. Does the facility generate hazardous wastes? A Yes \(\square \) No
3. Types of hazardous waste produced by Hazardous Waste Number: LEACHATE FROM LAND FILL WHERE HAZARDOUS SLUDGE
15 LANDFILLED
4. Are hazardous wastes transported off-site by the facility? XYes // No
LEACHIATE GOES TO A POTW. MAY 3 1983
Div. of Heaningus Weste

IDENTIFICATION NUMBER (1-7)

MMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES **BUREAU OF SOLID WASTE MANAGEMENT**

IDEN	ITIFICATION NUMBER (1-	7) INSPECTION DATE (9-14) INSP	PECTORS SOC. SEC. I	vo. (16	24)
, <u>j</u>	100550	4/26/83				
NAM	E OF DISPOSAL FACILITY	FACILITY ADDRESS	,·			
130	rectour Lair	tay Dispose Co Inc 300 Merkes	l RD Geller	ŢĹĀ	0.6	Ú
MUN	CIPALITY	COUNTY				
<u>D</u>	ouglass tu	p Montainer				
FACI	LITY PROPRIETOR (NAME	(ADDRESS, AND TELEPHONE NUMBER)				
$M_{\rm ra}$	Michael M.	eller V. Pres				1
DAIL	Y VOLUME RECEIVED	ANNUAL REPORT RECEIVED DAYS PER I				
_		OPERATED	3/7			
_		1 - Compliance, 2 - Non-Complianco, 3 - Not applicable				
	CHAPTER CITATION .		-	1	2	3
26	75.21(m)(3)	Suitable barrier blocks access to site when attendant is not present.	•	X		
27	75.21(s)	25' setback line buffer zone present		χ		;
28	75.21(I)(1), (2), (3)	Adequate fire equipment or procedure for minimizing fire hazard		λ		
29	`75.21(q)	Approved operational safety program being utilized		Χ		
	75.21(p)	Effective vector control program utilized at site where needed. Circle vector program bird, mosquito, rodent, fly	required:	•		. i .
30		bita, mosquito, rodent, ny	,	X		
31	75.21 (m) (2)	Hours of operation prominently posted	· ·	Х		-
32	75.21(k)	Telephone or other communications available		Х		L
33	75.21(o)(1)	Salvaging occurs in accordance with regulations		Х		匚
34	75.21(r)(1), (2), (3), (4), 75.24(e)(2)(vii)(viii)	Operational records maintained and mathod of measurement provided		λ	٠,	
35 [/]	75.24(c)(2)(xxi), 75.37(j) & 75.38 11(8)(viii)	Final minimum uniform two foot layer of compacted cover material placed on surface	of-final lift	·	() ;	ا ا تو
36	75.24(c)(2)(i), 75.37(e) & 75.38 II(8)(viii)	Surface water management administered at the site		74.	$\times_{\mathbb{R}}$	15
37	75.24(c)(2}(ii), (iii), & 75.37(d)(1), (2)	Final slopes within 1 to 15 percent or as approved by Department			75,)
.38	75.24(c)(2)(xi) & 75.38 II(8)(viii)	Adequate source and type of cover material being utilized	THE WARTE	×		
39	75,24(c)(2)(v) & . 75,38 (8)(ii)(iv)(vi)	Site access roads are negotiable by loaded collection vehicles	2 003	×		
. 40 .	75.24(c)(2)(ii)(iii), 75.37(d)(1)(2) & 75.38 II(8)(viii)	Slopes, benching and terracing in accord with regulations	The Wester	()
41	75.24(c)(2)(xvi), 75.37(k) & 75.38 11(8)(ii)	Fire breaks	Andrews Special Control of the Contr	X		
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MONWEALTH OF PENNSYLVANIA' DEPA....JENT OF ENVIRONMENTAL RESOURCEL BUREAU OF SOLID WASTE MANAGEMENT

1 - Compilance, 2 - Non-Compilance, 3 - Not applicable							
	CHAPTER CITATION		1	2	3		
42	75.24(c)(2)(xxiv), 75.37(k) & 75.38 i!(6)	Gas management	X				
43	75.24(b)(4)(i), 75.37(k)(6), & 75.38 II(8)(i)	Ground water monitoring requirements being met	Х				
44	75.24(c)(2)(xi), 75.37(k) & 75.38 II(8)(ii)	Approved cover material being utilized	X				
45	75.24(c)(2)(x)	Approved subbase being utilized	X				
•	75.24(c)(2)(xvi), 75.37(k) & 75.38 II(8)(iv)	Proper barriers being maintained	X				
•	76.25(h)	Lined site, under drains operable	X				
48	75.25(i)	Are liners in place and covered with protective earth	X				
49	75.25(o)(3)	Lined site, daily record of leachate flow maintained	χ	ì			
50	75.26(a) & 75.37(g)	Leachate treatment facilities being operated properly	-	-	E		
51	75,26(o), 75,37(g), 75,38 II(8)(viii)	Erosion controlled on site, diversion ditches as required		X			
. 52	75.28(b), 75.37(k)(2), (3), 75.38 II(8)(ii)	Solid waste spread and compacted in layers not exceeding two feet deep	×				
53	75.26(q)	At lined sites, is all waste deposited on lined areas	X_	Ŀ			
54	75.26(f)	Regulation ban on open burning adhered to	X		L		
55	75.26(d) & 75.38 II(8)(vi)	Bulky waste properly controlled	X				
	75.26(1) & 75.38 II(8)(vil)	Uniform minimum six inch layer of compacted material placed on all exposed solid waste at the end of each working day	< .	-	L.		
57	75.26(s)	Hazardous wastes & sludges stored and/or disposed with written Departmental approval	X		L		
58	, 76.28(n)	Intermediate uniform minimum one-foot layer of compacted cover material placed on completed lifts	$ \mathbf{Y} $	Ŀ	L		
59	75.26(d) & 75.38 II(8)(iv)	Unloading area restricted to proximity of the working face	Y	·			
60	75.26(i)	Working face area confined to size suitable for daily cover/compaction	X		L		
6 1	75.26(q), 75.37(k), (s) & · 75.38 II(8)(x)	Operation in accordance with approved plans	XX	X			
62	75.26(g), (h) & 75.38 (l(8)(vi)	Dust controlled at site MAY 3 1983	X				
63	75.26(j), (k)	Blowing litter controlled	X	<u> </u>	L		
64	75.26(c)	Provision for standby equipment available when needed By of Hazardous Weate	X	<u>L</u>			
65	75.26(o), (p), 75.37(j), 75.38 II(8)(ix)	Has vegetative growth been established to prevent soil erosion on disturbed areas		×)	2		
66	Chapter 101(9)(e)(2)	is bonding status correct	X		نيا		

ER -SW51-18, 28,38		
Tumo - 9:30 AM	COMMONWEALTH OF PENNSYI DEPARTMENT OF ENVIRONMENTAL BUREAU OF SOLID WASTE MAN	RESOURCES
weather alker, sum	INSPECTION REPORT SANITARY LANDFILL, INDUSTRIAL DEMOLITION SITES, FLYASH SITES, S	
Lituation with le	comments: FORM NO. 10, 11, & 12 Mole sleps neport	DISPOSAL FACILITY Burget
- Lagoon - /2 ful		DATE 4/26/83
· H en rymenaine	closure of the son	theret rule of
landfill and pa		
Tated in 4/22/8.	3 imprection repor	to Also, (37).
the slopes on the	so resterane in e	CM 915 % (CE
~30%) slopes		
a Nove a 10 200+		
these slopes need	lat least one	sherch and.
the Alope above;	the bench will	have to be re
to Statton 33°	75.	
mothered side at	or the top part of	the laudyll on
posthward side al	fore thouseas si	oad is will in.
37% and me	int be neurologid 7	to a grade less.
32% and Them	That leg of + frage	toted

Department of Environmental Resources Representative

MAY 3 1983

Div. of Hazardous Weste

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